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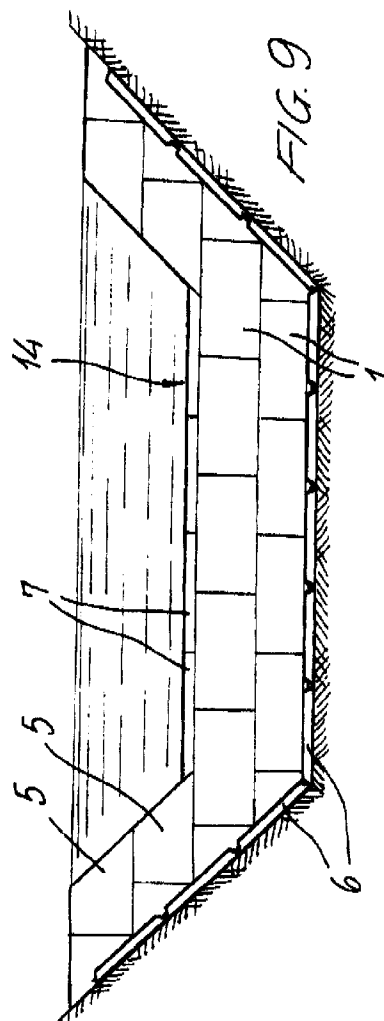
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(54) **Prefabricated element assembly for making barrier arrangements in rivers and the like.**

(57) There is disclosed an assembly of pre-fabricated elements for making the so-called bridles used in water courses in general.

This element assembly comprises reinforced concrete box caissons (3), having a substantially parallelepipedal shape and a box caisson having a rectangular trapezium shape (5), as well as a square plate (6) and a rectangular plate (7), provided with an edge at one of the great sides thereof.

These elements, in particular, can be suitably joined to one another and/or superimposed onto one another and can be mutually restrained by beams, rods or other suitable mechanical restraining elements.





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0393

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                           |                                                 |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Citation of document with indication, where appropriate, of relevant passages                                                                                             | Relevant to claim                               | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GB-A-2 025 494 (POLI)<br>* page 2, line 25 - line 55 *<br>* abstract; claims 8,9,13; figures 1,3 *<br>---                                                                 | 1-3,6                                           | E02B3/06<br>E02B7/00<br>E02D29/02             |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EP-A-0 013 535 (SCHEIWILLER)<br>* abstract; claims 1-3; figures 1,3,5 *<br>---                                                                                            | 1,2,6                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DE-C-828 378 (SCHERNER)<br>* page 2, line 33 - line 49; figure 1 *<br>---                                                                                                 | 1,5,7                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PATENT ABSTRACTS OF JAPAN<br>vol. 8, no. 280 (M-347)(1717) 21 December 1984<br>& JP-A-59 150 810 ( SUMITOMO KINZOKU KOGYO K.K.<br>) 29 August 1984<br>* abstract *<br>--- | 1,5,7                                           |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-A-3 910 051 (KOMISAREK)<br>* column 2, line 36 - line 50; figure 1 *<br>---                                                                                            | 1                                               |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-A-2 834 186 (FRERICHS & HOUSTON)<br>* column 3, line 8 - line 55; figures 1-3 *<br>-----                                                                               | 5                                               |                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                           |                                                 | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5)      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                           |                                                 | E02B<br>E02D                                  |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                           |                                                 |                                               |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                           | Date of completion of the search<br>22 MAY 1992 | Examiner<br>BLONMAERT S.                      |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>-----<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                                                           |                                                 |                                               |

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