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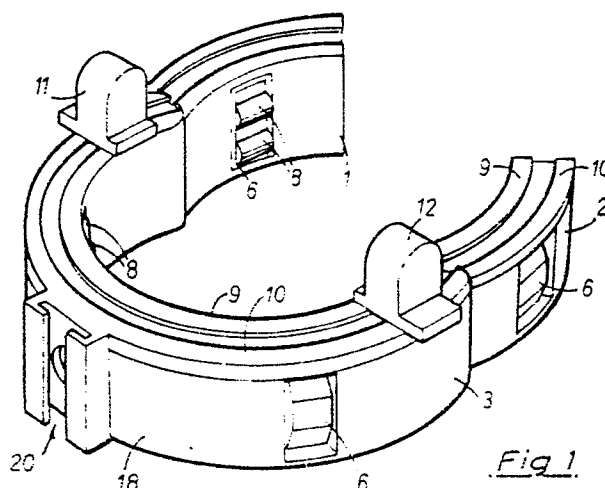
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**Apparatus for movably mounting a work head on a structure of circular cross-section.**

An apparatus for movably mounting a work head (11,12) on a structure of circular cross-section. The apparatus comprises an annulus defined by two or more members (1,2,3) which are engagable co-operably and movable between an open position which allows the annulus to be fitted onto the structure and a closed position in which the annulus surrounds the structure. The apparatus is located on the structure by locating means (6) comprising three or more support legs (6) mounted on the annulus at spaced circumferential locations. At least some of its legs (6) are movable in a radial direction relative to the annulus by actuating means to locate the annulus on the structure. Each supporting leg (6) is provided with drive means (8) which are controllable independently for moving the annulus along the structure in a plane normal to the axial centre line of the structure. The work head (11,12) is mounted on the annulus for circumferential movement with respect to the structure.





| 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.4) |
| D, A                                                                                                                                                                                                                    | EP-A-0 000 808 (THOMPSON)<br>* Pages 4-16; figures 1-11 *                     | 1, 7, 15                                                                                                                                                                                                                                                                         | B 08 B 9/02<br>B 24 C 3/12<br>E 02 B 17/00    |
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| A                                                                                                                                                                                                                       | EP-A-0 139 596 (VALDY)<br>* Pages 6-13; figures 1-6 *                         | 1-5, 15                                                                                                                                                                                                                                                                          |                                               |
| ---                                                                                                                                                                                                                     |                                                                               |                                                                                                                                                                                                                                                                                  |                                               |
| A                                                                                                                                                                                                                       | DE-A-2 808 337 (IWAMOTO TARO)<br><br>* Pages 11-16; figures 1-8 *             | 1-4, 10<br>, 11, 14<br>, 16                                                                                                                                                                                                                                                      |                                               |
| -----                                                                                                                                                                                                                   |                                                                               |                                                                                                                                                                                                                                                                                  |                                               |
|                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                                                                                                                                                  | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.4)      |
|                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                                                                                                                                                  | B 08 B<br>B 24 C<br>E 02 B<br>B 23 K          |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                               |                                                                                                                                                                                                                                                                                  |                                               |
| Place of search<br>THE HAGUE                                                                                                                                                                                            |                                                                               | Date of completion of the search<br>27-08-1987                                                                                                                                                                                                                                   | Examiner<br>VOLLERING J.P.G.                  |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                               |                                                                                                                                                                                                                                                                                  |                                               |
| 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 |                                                                               | 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>& : member of the same patent family, corresponding document |                                               |