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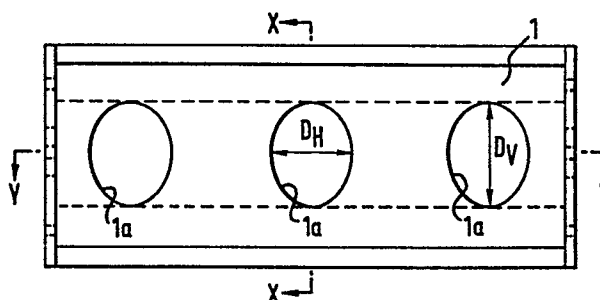
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54 **Improved steel soldier.**

57 A steel soldier for supporting concrete formwork comprises a pair of elongated steel elements connected back to back and parallel with one another by tie plates (3) at their ends and, if necessary, by diaphragms intermediate their ends. Each channel has a web (1) which, in order to increase its strength, is formed at longitudinally spaced intervals with flanged openings (1a). These openings characteristically according to the invention have peripheral flanges (1c) which are of channel-shaped radial profile, thereby increasing the shear carrying capacity and reducing the risk of cracking of the soldier under load.





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Office

EUROPEAN SEARCH REPORT

0227314

Application Number

EP 86 30 9200

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	GB-A-2 145 145 (MABEY HIRE CO. LTD) ---		E 04 G 25/02
D,A	GB-A-1 551 154 (BEACHLEY MACHINARY LTD) ---		
A	AU-B- 477 444 (G.J. HOLDINGS PTY. LTD) ---		
A	GB-A-1 603 516 (RAPID METAL DEVELOPMENTS LTD) ---		
A	DE-A-2 046 459 (HAUSHALTER) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 04 G E 04 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-11-1987	Examiner VIJVERMAN W.C.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			