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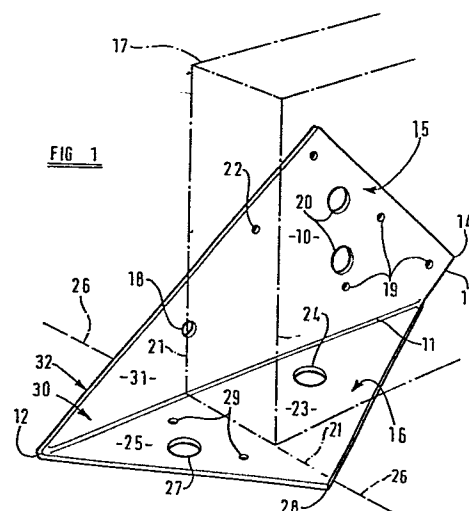
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54 **A joist support for use in building and a building structure including such a support.**

57 The joist support is a generally rectangular metal member (10) which has a single oblique fold extending from one corner. The fold (11) divides the member into flanges (15 and 16), the flange (15) abutting the side of a joist (17) in use and the other flange (16) affording a bearing portion (25) to rest on a supporting structure (26). The bearing portion (25) is widest at the edge of the supporting structure (26) which roughly coincides with the end (21) of the joist to avoid localised overloading of the supporting structure. The fold (11) forms a rigid spine throughout the joist support, to distribute the load of the joist across the width of the supporting structure (26). Hence low density lightweight blocks can be used for the supporting structure with reduced risk of crushing. A range of joist sizes can be accommodated using one size of support because only one side face of the joist is located against the flange (15), which also provides lateral restraint in combination with an upright (31) extending into the masonry.





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EUROPEAN SEARCH REPORT

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EP 80 10 5565

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<p><u>GB - A - 868 578 (WALLIS)</u></p> <p>* Page 2, column 1, paragraphs 8,9; column 2, paragraphs 1,2,4; page 3, column 1, paragraphs 2,4,5,6; column 2, paragraph 1; claims 1,2,3; figures 1,2,3,4 *</p> <p>--</p>	1,2,7,8,9,10	E 04 B 1/56 5/12
X	<p><u>US - A - 4 003 179 (GILB)</u></p> <p>* Column 2, last paragraph; column 3, paragraphs 1,6; column 4, paragraph 1; column 5, paragraphs 2,3,4; claim 1; figures 1,2,7,8 *</p> <p>--</p> <p><u>US - A - 1 945 925 (STIEFEL)</u></p> <p>* Page 1, column 2, paragraphs 3,4; page 2, column 1, paragraph 1; claim 1; figures 1,2,3 *</p> <p>--</p> <p><u>GB - A - 977 164 (TIMBER ENGINEERING)</u></p> <p>* Page 2, column 2, paragraphs 1,2; page 3, column 1, paragraph 5; page 3, column 2, paragraph 1; figures 1,2,3 *</p> <p>--</p> <p><u>US - A - 2 751 644 (PEDERSEN)</u></p> <p>* Column 2, paragraphs 5,6,7; figure 1 *</p> <p>--</p>	1,2,3,5,6,8,9,10 1,2,3,5,8,10 1,2,4,5,10	<p>TECHNICAL FIELDS SEARCHED (Int. Cl. 3)</p> <p>E 04 B</p>
P	<p><u>GB - A - 2 027 477 (BAT BUILDING)</u></p>	1,3,5,6,7,10	<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons</p>
<p>The present search report has been drawn up for all claims</p>			<p>&: member of the same patent family, corresponding document</p>
Place of search		Date of completion of the search	Examiner
The Hague		16 03 1981	HENDRICKX



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	<p>* Page 1, column 2, last paragraph; page 2, column 1, paragraphs 1,2,3,4,5,7; page 2, column 2, paragraphs 1,2; claims 1,5,6,7,8; figures 1,2,3,4 *</p> <p>-----</p>		
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)