

Title (en)

A JOIST SUPPORT FOR USE IN BUILDING AND A BUILDING STRUCTURE INCLUDING SUCH A SUPPORT

Publication

EP 0026397 B1 19840321 (EN)

Application

EP 80105565 A 19800917

Priority

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Abstract (en)

[origin: EP0026397A2] A joist support for use in building and a building structure including such a support are described. 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.

IPC 1-7

E04B 1/56; **E04B 5/12**

IPC 8 full level

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CPC (source: EP)

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Cited by

US4546579A; GB2141460A; FR2645568A1; EP2546424A3; GB2433269A; US10227770B2; WO9012180A1; WO2017020098A1

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