

Title (en)
Fire-proof hollow multichamber section member made from aluminium or the like

Title (de)
Brandgeschütztes Mehrkammer-Hohl-Profil aus Aluminium oder dergleich

Title (fr)
Profil coupe-feu creux à plusieurs chambres en aluminium ou similaire

Publication
EP 0848131 B1 20020605 (DE)

Application
EP 97121331 A 19971204

Priority
DE 19651376 A 19961211

Abstract (en)
[origin: EP0848131A1] The sections are formed by hollow sections of aluminium or similar material with an enclosed outer (11) and inner (12) chamber. These contain a fire-resistant material, connected by at least two webs (13,14) with apertures (15) to reduce heat transfer. The webs form a spatial lattice structured, reducing the proportion of material to e.g. 5%, so that the maximum surface temperatures allowed by testing standards after a predetermined time are not exceeded. Preferably, the apertures are in the form of slots, such that slots in one web are displaced by half a slot length with respect to slots in the other web.

IPC 1-7
E06B 3/263; **E06B 5/16**

IPC 8 full level
E06B 3/263 (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP)
E06B 3/2634 (2013.01); **E06B 5/161** (2013.01); **E06B 5/162** (2013.01); **E06B 2003/7078** (2013.01)

Cited by
FR2884547A1; WO2006108967A3

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI NL

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EP 0848131 A1 19980617; **EP 0848131 B1 20020605**; AT E218668 T1 20020615; DE 19651376 A1 19980625; DE 19651376 C2 19991111; DE 59707404 D1 20020711; DK 0848131 T3 20020715

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