

Title (en)
Fire resistant sandwich panel

Title (de)
Feuerbeständiges Sandwich-Paneel

Title (fr)
Panneau à structure sandwich résistant au feu

Publication
EP 0568227 B1 19970129 (EN)

Application
EP 93302998 A 19930419

Priority
GB 9208810 A 19920423

Abstract (en)
[origin: EP0568227A1] A sandwich wall system panel (10,12) comprising an insulating core (18), a first metal skin (14) adhered to one face of the core, a second metal skin (16) adhered to the opposite face of the core, two separate elongate steel joining members (34,36), connected to the first or second skin and extending in parallel spaced relation to define a central joining tongue (33), first and second connectors (48,50) connecting the joining members of a pair, one at one end of the pair and the other at the other end of the pair, to prevent movement of the joining members towards and away from one another, the connectors being formed of expanded sheet steel, a steel grid or perforated steel sheet, said central joining tongue (33) being flanked by a pair of channels (35,37) and extending from the longitudinal edge of the panel, a pair of spaced parallel legs (24,26) formed by marginal portions of the first and second skins and projecting beyond the main insulating core at the opposite longitudinal edge of the panel, said legs being spaced to form a groove (32) to receive the tongue of an adjacent, similar panel, the legs being accommodated within the channels of the adjacent panel. <IMAGE>

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E04C 2/26

IPC 8 full level
E04B 1/80 (2006.01); **E04B 1/94** (2006.01); **E04B 2/74** (2006.01); **E04C 2/292** (2006.01); **E04F 13/08** (2006.01); **E04F 13/12** (2006.01)

CPC (source: EP)
E04C 2/292 (2013.01); **E04F 2201/041** (2013.01)

Cited by
KR20010110817A; AU705262B2; CN101761141A; AT409279B; AT409245B; EP0741212A1; FR2733778A1; US5968615A; WO2008090256A1; WO9704196A1

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