

Title (en)
MODULAR H-BEAM

Title (de)
H-FÖRMIGER MODULTRÄGER

Title (fr)
POUTRE EN H MODULAIRE

Publication
EP 1114226 A1 20010711 (EN)

Application
EP 99946427 A 19990902

Priority
• IT 9900279 W 19990902
• IT RM980598 A 19980917

Abstract (en)
[origin: WO0017463A1] H-beam comprising one or more modules (1), each formed of two half-structurals, that is, of two pieces of structural steel (2a, 2b), forming each a thin sheet, comprising a central part or core (10), and lateral half-flanges (4a, 4b; 4c, 4d). The half-flanges (4a, 4b; 4c, 4d) form gaps (5), inside which plates (7, 7') are introduced in order to strengthen the flanges of the beam, which constitute the regions more subject to bending stress.

IPC 1-7
E04C 3/07

IPC 8 full level
E04C 3/07 (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)
E04C 3/07 (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0434** (2013.01); **E04C 2003/0452** (2013.01)

Citation (search report)
See references of WO 0017463A1

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