

Title (en)
PORTAL FRAME CONSTRUCTION

Title (de)
PORTALRAHMEN

Title (fr)
STRUCTURE EN PORTIQUE

Publication
EP 1073803 A1 20010207 (EN)

Application
EP 99918104 A 19990419

Priority
• GB 9901187 W 19990419
• GB 9808266 A 19980421

Abstract (en)
[origin: WO9954566A1] A portal frame construction, for a building, comprising a stanchion (15), a rafter (17) secured at one end to the stanchion (15) at an angle thereto, and a haunch member (21) spanning the corner defined between the stanchion (15) and the rafter (17), the stanchion (15) and the rafter (17) each being defined by two elongate members of channel-shaped cross section positioned back-to-back with their base walls in contact, and characterised by said haunch member (21) being connected at one end to the rafter (17) by a connecting piece (36) including a plate (39) fastened in facial contact with at least one of the co-planar side walls of the channel members of the rafter (17).

IPC 1-7
E04B 1/342; **E04C 3/40**

IPC 8 full level
E04B 1/342 (2006.01); **E04C 3/40** (2006.01)

CPC (source: EP)
E04B 1/342 (2013.01); **E04C 3/40** (2013.01)

Citation (search report)
See references of WO 9954566A1

Designated contracting state (EPC)
DE ES FR GB NL

DOCDB simple family (publication)
WO 9954566 A1 19991028; AU 3614899 A 19991108; BR 9909827 A 20010109; EP 1073803 A1 20010207; GB 9808266 D0 19980617; ZA 200005882 B 20010507

DOCDB simple family (application)
GB 9901187 W 19990419; AU 3614899 A 19990419; BR 9909827 A 19990419; EP 99918104 A 19990419; GB 9808266 A 19980421; ZA 200005882 A 20001020