

Title (en)
Composite wooden beam

Title (de)
Balkenbinder aus Holz

Title (fr)
Poutre composite en bois

Publication
EP 1721714 A1 20061115 (DE)

Application
EP 06450064 A 20060502

Priority
AT 2902005 U 20050502

Abstract (en)

The frame has three longitudinal woods (L) that are stuck with one another and possess a height above 200 millimeters. Side surfaces (6) of the woods form vertical and horizontal adhesive joints (5), where the right side of the woods (L) stuck together with the vertical joints (5) lies outside. The side surfaces of the woods are processed by milling and include a flat cake structure (7). An independent claim is also included for a method for manufacturing a timber frame.

IPC 8 full level
B27M 3/00 (2006.01); **B27B 1/00** (2006.01); **E04C 3/14** (2006.01)

CPC (source: EP)
B27B 1/00 (2013.01); **B27M 3/0053** (2013.01); **E04C 3/14** (2013.01)

Citation (search report)

- [X] EP 1080857 A2 20010307 - KUISMA ENSIO [FI], et al
- [X] US 3654741 A 19720411 - MACDONELL MURRAY
- [X] DE 19728259 A1 19990107 - FRIES PETRA [DE]
- [X] US 5896723 A 19990427 - SING PETER [US]
- [XP] WO 2005040766 A1 20050506 - HOLZINDUSTRIE LEITINGER GES M [AT], et al
- [A] US 3580760 A 19710525 - KOCH PETER
- [A] DE 19936312 A1 20010419 - HOFER C O BIDAC GMBH SRL BERNH [IT]

Cited by
EP2090413A1; EP2085532A1; EP2574436A1; EP2613917A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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