

Title (en)
Structural member of laminar wood

Title (de)
Aus Holzlamellen aufgebautes Tragelement

Title (fr)
Élément porteur en bois lamellé collé

Publication
EP 1586430 B1 20070725 (DE)

Application
EP 05405187 A 20050214

Priority
CH 3162004 A 20040226

Abstract (en)
[origin: EP1586430A1] A supporting structure (1) with a number of wooden lamellae (6) glued together with a layer of adhesive (17) between each pair of lamellae, in which the adhesive in every layer (17) shows a yield point (fDK) which is lower than the flexural strength of the adjacent more highly-loaded lamella (6) : An independent claim is also included for an adhesive for use in (1), with a yield point (fDK) which is lower than the breaking point (fDB) (for compressive loads applied at right angles to the lamellae) of the adjacent lamella on the opposite side to the applied load.

IPC 8 full level
B27M 3/00 (2006.01); **B32B 21/04** (2006.01); **C09J 175/00** (2006.01); **E04C 3/14** (2006.01)

CPC (source: EP)
B27M 3/0053 (2013.01)

Cited by
EP2090413A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

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EP 1586430 A1 20051019; EP 1586430 B1 20070725; AT E367905 T1 20070815; DE 502005001084 D1 20070906; SI 1586430 T1 20071231

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EP 05405187 A 20050214; AT 05405187 T 20050214; DE 502005001084 T 20050214; SI 200530071 T 20050214