

Title (en)
Wood surface element

Title (de)
Holzflächenelement

Title (fr)
Élément de surface en bois

Publication
EP 2279839 A1 20110202 (DE)

Application
EP 09009705 A 20090728

Priority
EP 09009705 A 20090728

Abstract (en)
The element (1) has multiple of elongated laminar wood element layers formed of elongated massive wood elements such as planks (6) and boards (7), where the layers comprise a plank layer (2), inner board layers (3, 4) and outer board layer (5). Wood connection elements are provided for connection of wood element layers. The wood connection elements comprise solid wooden screws (8) and a screw receiving recesses (9), where screws are arranged in the recesses in a form-fit contact manner. The recesses are provided with an inner winding, and the screws comprise a screw head.

Abstract (de)
Bei einem eine Anzahl von Holzelementlagen (2, 3, 4, 5) aufweisenden Holzflächenelement (1) sind zum Verbinden der Holzelementlagen (2, 3, 4, 5) Vollholzsrauben (8) vorgesehen, die in Schraubenaufnahmeausnehmungen (9) eingeschraubt sind. Dadurch lassen sich bei einer sehr homogenen Materialzusammensetzung hohe Auszugskräfte der Holzverbindungsmitel erzielen.

IPC 8 full level
B27M 3/00 (2006.01)

CPC (source: EP)
B27M 3/004 (2013.01)

Citation (applicant)
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Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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