

Title (en)  
Manufacturing method for a surface-strengthened solid wood floor board

Title (de)  
Herstellungsverfahren für einen oberflächenverstärkten Massivholzbodenbelag

Title (fr)  
Procédé de fabrication de plancher en bois massif renforcé en surface

Publication  
**EP 2255937 A1 20101201 (EN)**

Application  
**EP 09172995 A 20091014**

Priority  
CN 200910099265 A 20090529

Abstract (en)  
The present invention relates to the technical field of wood processing, in particular to the method for strengthening the wood surface, the profiles and the solid wood flooring of the same. The density of the surface-strengthened solid wood profiles are 300-580Kg/m<sup>3</sup> the reinforced surface is 1-5mm thick, the hardness of the paint film of the reinforced surface is 2H-8H, the overall moisture content of the profiles are 6-9%. The hardness of the paint film on the reinforced surface of the inventive solid wood profiles is higher, and the overall moisture content is stable, which is suitable for wider range of climate conditions.

IPC 8 full level  
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CPC (source: EP)  
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Citation (applicant)  
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