

Title (en)  
SHAPE FORMING OF DELIGNIFIED WOOD

Title (de)  
FORMGEBUNG VON DELIGNIFIZIERTEM HOLZ

Title (fr)  
FAÇONNAGE DE BOIS DÉLIGNIFIÉ

Publication  
**EP 3767032 A1 20210120 (EN)**

Application  
**EP 19187447 A 20190719**

Priority  
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Abstract (en)  
The present invention relates to a method for producing densified wood (41). A wet delignified piece of wood (40) comprising cellulose fibers oriented as naturally grown is placed in a mold (10, 16), wherein the mold comprises a porous section that forms a molding surface (13, 14, 15) and/or a porous layer (50) is present in said mold (10, 16) contacting said delignified piece of wood (40). The delignified piece of wood (40) is placed in such a way that the cellulose fibers align predominantly in parallel to the molding surface (13, 14, 15). Subsequently, a pressure difference is applied to press the delignified piece of wood (40) against said molding surface (13, 14, 15) yielding a densified piece of wood (41). Furthermore, the densified piece of wood (41) is provided.

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Citation (applicant)  

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