

Title (en)  
WOOD SHAPING METHOD

Title (de)  
HOLZFORMVERFAHREN

Title (fr)  
PROCÉDÉ DE FORMAGE DU BOIS

Publication  
**EP 4405149 A1 20240731 (FR)**

Application  
**EP 22786476 A 20220923**

Priority  
• CH 0703082021 A 20210924  
• IB 2022059014 W 20220923

Abstract (en)  
[origin: WO2023047347A1] The present invention relates to a method for shaping a wooden object, comprising the following steps: - obtaining a blank by cutting a piece of wood in a direction transverse to the fibres of the wood; - positioning the blank using a mould; - pressing the blank by means of a shaping press brought to bear against a free surface of the blank, by exerting pressure in a direction parallel to the fibres of the wood, characterised in that the pressure during pressing is greater than  $1.5 \cdot 10^6$  N/m<sup>2</sup>, in that the pressing is carried out under cold conditions, in that the pressing is carried out under dry conditions, and in that the mould comprises a positioning flank that bears against the blank during the pressing and forms a first angle that does not exceed 5° with the fibres of the wood of the blank positioned in the mould, and/or in that the shaping press comprises a punching flank that bears against the blank during the pressing, the second punching flank forming a second angle that does not exceed 5° with the fibres of the wood of the blank positioned in the mould. The present invention also relates to a wooden object obtained by this method.

IPC 8 full level  
**B27M 1/02** (2006.01)

CPC (source: CH EP KR)  
**B27D 1/083** (2013.01 - EP KR); **B27M 1/02** (2013.01 - CH EP KR); **B30B 15/02** (2013.01 - CH KR)

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2023047347 A1 20230330**; AU 2022351701 A 20240509; CA 3232867 A1 20230330; CH 718995 A1 20230331;  
CN 118215562 A 20240618; EP 4405149 A1 20240731; JP 2024533708 A 20240912; KR 20240073909 A 20240527

DOCDB simple family (application)  
**IB 2022059014 W 20220923**; AU 2022351701 A 20220923; CA 3232867 A 20220923; CH 0703082021 A 20210924;  
CN 202280069683 A 20220923; EP 22786476 A 20220923; JP 2024518675 A 20220923; KR 20247013275 A 20220923