

Title (en)
AUTOMATIC MACHINE FOR THE PRODUCTION OF WOODEN BLINDS

Title (de)
AUTOMATISCHE MASCHINE ZUR HERSTELLUNG VON HOLZJALOUSIEN

Title (fr)
MACHINE AUTOMATIQUE POUR LA FABRICATION DE STORES EN BOIS

Publication
EP 4292786 A1 20231220 (EN)

Application
EP 23460022 A 20230614

Priority
PL 44148822 A 20220615

Abstract (en)
An automatic machine for the production of wooden blinds comprising at least a support structure, a feeding module with a servomotor, co-operating hole punching module with punching stations, and a stacking module with stacking stations, with the aforementioned modules controlled using computer software, characterized in that the feeding module (3) comprises a slat "0" point initial position sensor (6) and a touch panel (7) for selecting a computer program for a specific slat length, with the said program in the first step numerically specifying the location of the slat hole punching stations (4.1), (4.2), (4.3) and (4.4), and the slat stacking stations (5.1), (5.2), (5.3), (5.4) and (5.5) on the support structure (1), after which it numerically controls guiding rollers (8) and (9) that move individual slats to the programmed location in the punching module (4) and stacking module (5), with the holes punched in an individual slat by the slat hole punching stations (4.1), (4.2), (4.3) and (4.4) in one or two passes, depending on the slat length and slat design with side tracks or without side tracks.

IPC 8 full level
B26F 1/02 (2006.01); **E06B 9/266** (2006.01)

CPC (source: EP PL)
B26F 1/00 (2013.01 - PL); **B26F 1/02** (2013.01 - EP); **B27M 1/08** (2013.01 - PL); **E06B 9/266** (2013.01 - EP)

Citation (applicant)
US 8266784 B2 20120918 - WU SHOU-PO [TW], et al

Citation (search report)
[X] US 6029553 A 20000229 - BERNTSSON PETER [SE], et al

Designated contracting state (EPC)
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Designated validation state (EPC)
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DOCDB simple family (publication)
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