

Title (en)  
PRODUCTION LINE OF WOODEN CONSTRUCTION ELEMENTS

Title (de)  
PRODUKTIONSLINIE FÜR HOLZBAUELEMENTE

Title (fr)  
LIGNE DE PRODUCTION D'ÉLÉMENTS DE CONSTRUCTION EN BOIS

Publication  
**EP 4134215 A1 20230215 (EN)**

Application  
**EP 21460036 A 20210908**

Priority  
PL 43874321 A 20210814

Abstract (en)  
The object of the invention is the production line of the wooden or wood-based construction elements of modular buildings, characterized in that it contains:- two rows of feeding roll conveyors 10,- two rows of receiving roll conveyors 11,- crosscut saw 1 installed on the first row of roll conveyors between the feeding conveyor 10 and receiving conveyor 11,- column drilling and milling machine 3 on the second row of roll conveyors between the feeding conveyor 10 and receiving conveyor 11,- easily shifting transport platforms 4 for construction elements of modular buildings,- assembly table 7 for modules with opening for window or door,- semi-automatic assembly table 6 of full or half modules,- sliding table saw 2,- vacuum manipulator 5 with vacuum endings,- at least two sawdust extractions 8, one of which is situated by column drilling and milling machine 3 and crosscut saw 1 and the other one by sliding table saw 2,- at least one compressor 9 to power the saws and semi-automatic assembly table with compressed air,- storage area 12.

IPC 8 full level  
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**B27C 5/06** (2013.01); **B27F 7/003** (2013.01); **B27M 1/08** (2013.01); **B27M 3/0073** (2013.01)

Citation (applicant)  
• PL 423751 A1 20190617 - WOOD CORE HOUSE SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA [PL]  
• PL 402526 A1 20140804 - ELMOT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ [PL]  
• PL 188884 B1 20050531 - ENGWALL STEN [SE]  
• PL 385721 A1 20100201 - KOROPRACJA BUDOWLANA KOPAHAUS [PL]

Citation (search report)  
[X] CA 3102605 A1 20191212 - BUILDZ LLC [US]

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