

Title (en)
DEVICE AND METHOD FOR PRODUCING INSULATING PANELS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON DÄMMLATTEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE PRODUCTION DE PLAQUES ISOLANTES

Publication
EP 3917739 B1 20240417 (DE)

Application
EP 20701299 A 20200117

Priority

- DE 102019000767 A 20190202
- EP 2020051151 W 20200117

Abstract (en)
[origin: WO2020156837A1] The invention relates to a device and a method having a first and a second zone (Z1, Z2) for producing insulating or acoustic panels from a pressed material mat (2) which consists at least partially of lignocellulose particles coated with binders, the first zone (Z1) being designed for heating and/or compressing the pressed material mat, and the second zone (Z2) being designed for curing the pressed material mat with the aid of calibration plates (3), and there being driven circulating screen bands (5a-5f) in contact with the upper and lower pressed material mat surfaces. According to the invention, to increase the production speed, at least four circulating screen bands (5a-5f) are used, at least two of which are in operative contact with the pressed material mat (2) in the region of the first zone (Z1), and at least two of which are in operative contact with the pressed material mat (2) in the region of the second zone (Z2).

IPC 8 full level
B27N 1/00 (2006.01); **B27N 3/18** (2006.01); **B27N 3/24** (2006.01); **B30B 5/06** (2006.01)

CPC (source: EP US)
B27N 1/00 (2013.01 - EP US); **B27N 3/18** (2013.01 - EP US); **B27N 3/24** (2013.01 - EP US); **B30B 5/06** (2013.01 - EP US); **B30B 15/34** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2020156837 A1 20200806; CN 113423547 A 20210921; CN 113423547 B 20231031; DE 102019000767 A1 20200806; DE 102019000767 B4 20210325; EP 3917739 A1 20211208; EP 3917739 B1 20240417; EP 3917739 C0 20240417; US 2022072822 A1 20220310

DOCDB simple family (application)
EP 2020051151 W 20200117; CN 202080011730 A 20200117; DE 102019000767 A 20190202; EP 20701299 A 20200117; US 202017419969 A 20200117