

Title (en)

HEATING DEVICE, COMPRISING TWO PRECEDING ARCUATE HOT PLATES, OF A TWO-SIDED MACHINE

Title (de)

HEIZVORRICHTUNG, UMFASSEND ZWEI VORGEORDNETE BOGENFÖRMIGE HEISSPLATTEN, EINER ZWEISEITIGEN MASCHINE

Title (fr)

DISPOSITIF DE CHAUFFAGE, COMPRENANT DEUX PLAQUES CHAUDES EN FORME D'ARC DISPOSÉES EN AMONT, D'UNE MACHINE BILATÉRALE

Publication

EP 3285996 B1 20200701 (DE)

Application

EP 16707042 A 20160224

Priority

- CN 201520236187 U 20150420
- EP 2016053828 W 20160224

Abstract (en)

[origin: WO2016169675A1] A heating device of a two-sided machine (9) has a frame (1) that has a first arcuate hot plate (2) and a wall (3) on which there is provided a sleeve (4). A second arcuate hot plate (5) is arranged above the first arcuate hot plate (2), the second arcuate hot plate (5) being connected to the sleeve (4) via a connection shaft. The frame (1) comprises a cylinder unit (6) whose piston rod is connected to the rear end of the second arcuate hot plate (5). A second corrugated fiberboard layer (11) and a first corrugated fiberboard layer (12) are guided so as to run between the hot plates (5, 2), while a third corrugated fiberboard layer (10) is guided so as to run above the second arcuate hot plate (5), through the second arcuate hot plate (5). The second arcuate hot plate (5) is lowered by the cylinder unit (6) so as to be in contact with the second corrugated fiberboard layer (11).

IPC 8 full level

B31F 1/28 (2006.01)

CPC (source: EP US)

B31F 1/2813 (2013.01 - EP US); **B31F 1/285** (2013.01 - EP US); **B31F 1/2872** (2013.01 - US); **B31F 1/2877** (2013.01 - US); **H05B 3/68** (2013.01 - 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 2016169675 A1 20161027; CN 204586068 U 20150826; CN 208529866 U 20190222; EP 3285996 A1 20180228; EP 3285996 B1 20200701; ES 2812761 T3 20210318; JP 2018509317 A 20180405; JP 6515192 B2 20190515; US 10583624 B2 20200310; US 2018104925 A1 20180419

DOCDB simple family (application)

EP 2016053828 W 20160224; CN 201520236187 U 20150420; CN 201690000702 U 20160224; EP 16707042 A 20160224; ES 16707042 T 20160224; JP 2017544619 A 20160224; US 201615567751 A 20160224