Title (en)

A PROCESS AND DEVICE FOR FEEDING A THIN BINDER IMPREGNATED UNCURED PRIMARY WEB OF MINERAL WOOL ONTO A RECEIVING CONVEYOR

Publication

EP 0329686 B1 19920513 (EN)

Application

EP 87907241 A 19871029

Priority

FI 864452 A 19861031

Abstract (en)

[origin: WO8803121A1] A process for feeding out a primary web of mineral wool onto a receiving conveyor. For this purpose, a pendulum conveyor has been used. In order to achieve good quality and the desired capacity the primary web must be thin and output rate high, which causes problems in fixing the primary web into the already fed out web and in looping the edges of the fed out web. According to the invention, these problems have been solved by making the trajectory and rate of motion of the output end (10) of the receiving conveyor (2) to comprise a central portion (B1) with a constant speed, which equals or is close to the output rate of the primary web, and an outmost portion (B2) having a retarding or accelerating speed, respectively. By this means the output end may move close to the receiving conveyor and be rapidly fixed into the bed while the pendulum allows appropriate space in the extreme positions for the edge loop, which also is rapidly fixed into the bed and forms an even edge. The invention relates also to a device for carrying out the process.

IPC 1-7

B65H 45/10; B65H 45/107; D01G 25/00; D04H 1/70

IPC 8 full level

B65H 45/107 (2006.01); **D01G 25/00** (2006.01); **D04H 1/70** (2006.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01)

CPC (source: EP KR)

B65H 45/10 (2013.01 - KR); **B65H 45/107** (2013.01 - EP); **D04H 1/4209** (2013.01 - EP); **D04H 1/74** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8803121 A1 19880505; AU 607169 B2 19910228; AU 8174587 A 19880525; BG 50603 A3 19920915; CA 1289981 C 19911001; CN 1009911 B 19901010; CN 87107553 A 19880511; EP 0329686 A1 19890830; EP 0329686 B1 19920513; FI 83674 B 19910430; FI 83674 C 19910812; FI 864452 A0 19861031; FI 864452 A 19880501; HU T49826 A 19891128; JP H02500737 A 19900315; KR 890700106 A 19890302; PL 158611 B1 19920930; PL 268494 A1 19880721; RO 104627 B1 19950301; RU 1831533 C 19930730

DOCDB simple family (application)

FI 8700143 W 19871029; AU 8174587 A 19871029; BG 8826089 A 19890426; CA 550646 A 19871030; CN 87107553 A 19871028; EP 87907241 A 19871029; FI 864452 A 19861031; HU 577287 A 19871029; JP 50664387 A 19871029; KR 880700767 A 19880630; PL 26849487 A 19871029; RO 13950687 A 19871029; SU 4614045 A 19890428