

Title (en)

METHOD FOR FORMING AND PACKAGING INSULATION FELTS AND DEVICE THEREFOR

Title (de)

VERFAHREN ZUR HERSTELLUNG UND VERPACKUNG VON DÄMMMATERIALIEN AUS FILZ UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCEDE DE FORMATION ET CONDITIONNEMENT DE FEUTRES ISOLANTS ET SON DISPOSITIF DE MISE EN OEUVRE

Publication

**EP 1285111 B1 20080924 (FR)**

Application

**EP 01936549 A 20010516**

Priority

- FR 0101501 W 20010516
- FR 0006265 A 20000517

Abstract (en)

[origin: US6298529B1] A method for forming and conditioning insulating felts of fibrous products whereby an insulating blanket is transported continuously on a transporting device, the insulating blanket is cut into a plurality of fiber strips, the fiber strips are driven by at least one branching-off and convergence device towards at least one reception conveyor, the fiber strips are superposed one on top of another so as to form at least one longitudinal stack, the at least one longitudinal stack is compressed by a compression device, and the compressed stack is cross cut to form the insulating felts. Such a method is implemented on a device including a transporting device, a longitudinal cutting device, at least one branching-off and convergence device, at least one reception conveyor, a compression device, and a cross-cutting device. The at least one branching-off and convergence device includes individual conveyor belts with each individual conveyor belt having a departure point at a junction of the transporting device and an arrival point aligned along a vertical axis and above the at least one reception conveyor. The fiber strips are superposed one above another on the at least one reception conveyor prior to being packaged and compressed by the compression device and cross-cut by the cross-cutting device.

IPC 8 full level

**D04H 1/00** (2006.01); **D04H 17/00** (2006.01); **B65H 23/30** (2006.01); **B65H 39/16** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/70** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP US)

**B65H 23/30** (2013.01 - EP US); **B65H 39/16** (2013.01 - EP US); **D04H 1/4209** (2013.01 - EP US); **D04H 1/4226** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **B65H 2701/177** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**US 6298529 B1 20011009**; AT E409246 T1 20081015; AU 6243201 A 20011126; AU 782992 B2 20050915; CA 2408416 A1 20011122; CA 2408416 C 20070424; CZ 20023734 A3 20030416; CZ 300714 B6 20090722; DE 60135910 D1 20081106; DK 1285111 T3 20090202; EP 1285111 A1 20030226; EP 1285111 B1 20080924; ES 2315285 T3 20090401; FR 2809119 A1 20011123; JP 2003533606 A 20031111; JP 4842492 B2 20111221; PL 206285 B1 20100730; PL 363621 A1 20041129; RU 2256731 C2 20050720; SK 16292002 A3 20030603; SK 287147 B6 20100107; WO 0188246 A1 20011122

DOCDB simple family (application)

**US 68689900 A 20001012**; AT 01936549 T 20010516; AU 6243201 A 20010516; CA 2408416 A 20010516; CZ 20023734 A 20010516; DE 60135910 T 20010516; DK 01936549 T 20010516; EP 01936549 A 20010516; ES 01936549 T 20010516; FR 0006265 A 20000517; FR 0101501 W 20010516; JP 2001584625 A 20010516; PL 36362101 A 20010516; RU 2002133862 A 20010516; SK 16292002 A 20010516