

Title (en)

APPARATUS FOR THE THERMAL TREATMENT OF A PADDING MATERIAL FORMED FROM FIBRES WITH A THERMOSETTING BONDING MATERIAL

Publication

**EP 0000111 B1 19810513 (FR)**

Application

**EP 78400014 A 19780607**

Priority

FR 7717642 A 19770609

Abstract (en)

[origin: EP0000111A1] 1. Apparatus for heat treating a fibrous mat carrying a heat hardenable fiber binder comprising conveyor mechanism for advancing the fibrous mat through a treatment path, gas circulation boxes arranged at opposite sides of the mat in said path and defining a zone of thermal treatment, gas supply and exhaust ducts respectively connected with said circulation boxes and providing for passage of heated gas through the fibrous mat in said treatment zone, characterized in that it comprises in the downstream part of the treatment zone a pair of supply (33) and exhaust (38) gas circulation manifolds positioned within the circulation boxes (18, 19) and defining a localized treatment area within and smaller than said treatment zone, and heated gas circulating means associated with said manifolds and circulating heated gas through the fibrous mat at a pressure higher than that of the gas passed through the fibrous mat from one circulation box to another one.

IPC 1-7

**B29J 1/02**; **F26B 13/10**; **F26B 3/06**

IPC 8 full level

**B29C 35/06** (2006.01); **B29C 67/24** (2006.01); **D04H 1/58** (2006.01); **F26B 13/10** (2006.01); **B29C 35/04** (2006.01)

CPC (source: EP)

**B29C 35/06** (2013.01); **B29C 67/249** (2013.01); **F26B 13/101** (2013.01); **B29C 35/045** (2013.01); **B29K 2061/04** (2013.01); **B29K 2105/0854** (2013.01); **B29K 2105/251** (2013.01)

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Designated contracting state (EPC)

BE CH DE FR GB LU NL SE

DOCDB simple family (publication)

**EP 0000111 A1 19781220**; **EP 0000111 B1 19810513**; AR 215712 A1 19791031; AU 3694378 A 19791213; AU 516259 B2 19810528; BR 7803686 A 19790116; CA 1119373 A 19820309; CS 247054 B2 19861113; DD 136510 A5 19790711; DE 2860695 D1 19810820; DK 255878 A 19781210; ES 470672 A1 19790201; FI 63071 B 19821231; FI 63071 C 19840808; FI 781824 A 19781210; FR 2394041 A1 19790105; FR 2394041 B1 19800808; GR 66393 B 19810320; IE 47077 B1 19831214; IE 781131 L 19781209; IL 54873 A0 19780831; IL 54873 A 19820131; IT 1096627 B 19850826; IT 7824226 A0 19780605; JP S546976 A 19790119; MX 146602 A 19820714; NO 148183 B 19830516; NO 148183 C 19841212; NO 782002 L 19781212; NZ 187494 A 19820525; PH 16009 A 19830520; PL 115148 B1 19810331; PL 207522 A1 19790226; PT 68162 A 19780701; TR 20054 A 19800701; YU 136978 A 19830121; ZA 782948 B 19790530

DOCDB simple family (application)

**EP 78400014 A 19780607**; AR 27243378 A 19780531; AU 3694378 A 19780608; BR 7803686 A 19780608; CA 304353 A 19780529; CS 378678 A 19780609; DD 20591678 A 19780609; DE 2860695 T 19780607; DK 255878 A 19780608; ES 470672 A 19780609; FI 781824 A 19780607; FR 7717642 A 19770609; GR 780156451 A 19780607; IE 113178 A 19780602; IL 5487378 A 19780607; IT 2422678 A 19780605; JP 6685178 A 19780605; MX 17374178 A 19780608; NO 782002 A 19780608; NZ 18749478 A 19780608; PH 21247 A 19780609; PL 20752278 A 19780609; PT 6816278 A 19780608; TR 2005478 A 19780606; YU 136978 A 19780608; ZA 782948 A 19780523