

Title (en)

METHOD AND APPARATUS FOR THE HEAT TREATMENT OF FIBRE FLEECES

Publication

EP 0141226 A3 19880817 (DE)

Application

EP 84111228 A 19840920

Priority

DE 3334787 A 19830926

Abstract (en)

[origin: US4812284A] The process serves essentially for the thermal bonding of lightweight nonwovens. For this purpose, the nonwoven is heated up by means of air penetration on a sieve drum of a flow dryer to a high percentage of the bonding temperature, and immediately thereafter is embossed with internally heated rolls in the squeeze roll nip of a calender. The apparatus provided for conducting the process consists of a sieve drum device wherein the embossing calender is arranged.

IPC 1-7

D04H 1/54

IPC 8 full level

D04H 1/54 (2012.01); **D04H 1/541** (2012.01)

CPC (source: EP US)

D04H 1/54 (2013.01 - EP US); **D04H 1/541** (2013.01 - EP US); **Y10T 156/1023** (2015.01 - EP US)

Citation (search report)

- [X] EP 0070164 A2 19830119 - CHICOPEE [US]
- [X] DE 2207896 A1 19730823 - VEPA AG
- [E] EP 0105730 A2 19840418 - CHICOPEE [US]
- [A] DE 1909345 A1 19700910 - VEPA AG

Cited by

EP0719887A3

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0141226 A2 19850515; **EP 0141226 A3 19880817**; DE 3334787 A1 19850411; US 4812284 A 19890314

DOCDB simple family (application)

EP 84111228 A 19840920; DE 3334787 A 19830926; US 93316286 A 19861121