

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.

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**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)

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- [E] EP 0105730 A2 19840418 - CHICOPEE [US]
- [A] DE 1909345 A1 19700910 - VEPA AG

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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

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