

Title (en)  
Method for producing patterned textile needled felt or needled fleece sheets.

Title (de)  
Verfahren zum Herstellen gemusterter textiler Nadelfilz- bzw. -vliesbahnen.

Title (fr)  
Procédé pour la fabrication de nappes textiles à dessin de non-tissés aiguilletés.

Publication  
**EP 0411248 B1 19951025 (DE)**

Application  
**EP 90106927 A 19900411**

Priority  
DE 3925757 A 19890803

Abstract (en)  
[origin: EP0411248A1] Method for producing patterned textile needle felt or fleece webs from fibre fleeces and textile fibre material by structuring a single- or multi-layered preneedled fibre fleece web, preferably by means of crowned and/or forked needles, to form a velour web, then applying to this web at least one patterning ply of textile fibres, in particular staple fibres, which differ from the fibres of the carrier web in respect of colour and/or shape and/or material and/or fineness and/or orientation over the whole or part of the area, and finally subjecting this web to a further needling, wherein the fibres applied to the carrier web are pressed through the web until visible on the underside of the web, the piles thereof lying essentially in the plane of the lower surface of the web.

IPC 1-7  
**D04H 11/08**; **D04H 18/00**; **D04H 1/46**

IPC 8 full level  
**D04H 1/46** (2012.01); **D04H 1/498** (2012.01); **D04H 11/08** (2006.01); **D04H 18/00** (2006.01)

CPC (source: EP)  
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Cited by  
EP2332504A1; EP1273690A1; CN113574219A; DE10036821B4; FR2830542A1; EP1384802A3; WO2004059061A1; WO2009147051A1; WO2020148147A1

Designated contracting state (EPC)  
AT DE FR IT

DOCDB simple family (publication)  
**EP 0411248 A1 19910206**; **EP 0411248 B1 19951025**; AT E129532 T1 19951115; DE 59009809 D1 19951130

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