

Title (en)
PROCESS AND APPARATUS FOR THE PRODUCTION OF NON-WOVEN TEXTILES

Publication
EP 0371948 B1 19930922 (FR)

Application
EP 89870185 A 19891122

Priority
BE 8801349 A 19881130

Abstract (en)
[origin: EP0371948A1] The invention relates to the manufacture of nonwoven textiles by needle-punching, using a card (1) with comb (2), a web-spreader (6) which deposits the web of textile fibres, and one or more needling devices. <??>Means are provided by which the weight per unit area of the web supplied by the card (1) is constantly changed according to a periodic pattern by varying the speed of the exit comb (2), so as to achieve, at the exit of the superposition machine (6), a web wherein the weight per surface area varies over its width, so as to counteract the non- uniformities in the distribution of the weight per unit area caused by the needling devices or consolidation machinery. <IMAGE>

IPC 1-7
D04H 1/74

IPC 8 full level
D01G 15/36 (2006.01); **D01G 15/46** (2006.01); **D04H 1/74** (2006.01)

CPC (source: EP US)
D01G 15/36 (2013.01 - EP US); **D01G 15/46** (2013.01 - EP US); **D01G 25/00** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US); **D04H 18/02** (2013.01 - EP US)

Cited by
FR2665911A1; FR2677046A1; EP0522893A3; US5341543A; DE20321834U1; WO9221800A1; EP1936016A2; US8381375B2; WO9927173A1; WO9115618A1; EP3575455B1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0371948 A1 19900606; **EP 0371948 B1 19930922**; BE 1002605 A3 19910409; DE 68909377 D1 19931028; DE 68909377 T2 19940113; US 5060347 A 19911029

DOCDB simple family (application)
EP 89870185 A 19891122; BE 8801349 A 19881130; DE 68909377 T 19891122; US 44068889 A 19891124