

Title (en)
Method for manufacturing a nonwoven based on lactic acid

Title (de)
Verfahren zur Herstellung eines Vliesstoffes aus Milchsäure

Title (fr)
Procédé de fabrication d'un non-tissé à base d'acide lactique

Publication
EP 0723044 B1 20000209 (FR)

Application
EP 95470033 A 19951004

Priority
FR 9412332 A 19941012

Abstract (en)
[origin: EP0723044A2] Process for prodn. of a non-woven fabric from molten polymer comprises: (a) melt spinning the polymer(s), (b) cooling, (c) drawing the filaments, (d) laying up the fibres on a mat, (e) heat bonding the fibres by calendering to form a web, and (f) fixation treating the prod. with adjustment of the degree of crystallinity and of the internal stress of the fibres making up the non-woven fabrics. Also claimed are: (i) the nonwoven polymeric fabric; and (ii) appts. for prodn. of the nonwoven polymeric fabric.

IPC 1-7
D04H 1/42; **D04H 3/16**

IPC 8 full level
D01F 6/62 (2006.01); **C08G 63/06** (2006.01); **D04H 1/42** (2012.01); **D04H 1/435** (2012.01); **D04H 1/54** (2012.01); **D04H 1/556** (2012.01); **D04H 3/14** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)
D04H 1/435 (2013.01 - EP US); **D04H 1/54** (2013.01 - EP US); **D04H 1/556** (2013.01 - EP US); **D04H 3/14** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US)

Cited by
FR2762332A1

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0723044 A2 19960724; **EP 0723044 A3 19960904**; **EP 0723044 B1 20000209**; AT E189710 T1 20000215; CA 2160313 A1 19960413; DE 69515017 D1 20000316; DE 69515017 T2 20001102; DK 0723044 T3 20000724; ES 2145242 T3 20000701; FR 2725731 A1 19960419; FR 2725731 B1 19961213; JP H09170152 A 19970630; US 5833787 A 19981110

DOCDB simple family (application)
EP 95470033 A 19951004; AT 95470033 T 19951004; CA 2160313 A 19951011; DE 69515017 T 19951004; DK 95470033 T 19951004; ES 95470033 T 19951004; FR 9412332 A 19941012; JP 28919895 A 19951012; US 54216895 A 19951012