

Title (en)
SINGLE-LAYERED DOUBLE SIDE ABRASIVE WEB AND METHOD OF MANUFACTURE

Title (de)
EINLAGIGES, BEIDSEITIG ABRASIVES VLIES UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
NON-TISSÉ MONOCOUCHE ABRASIF DOUBLE FACE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 1126065 B1 20100414 (DE)

Application
EP 01102686 A 20010207

Priority
DE 10005454 A 20000208

Abstract (en)
[origin: EP1126065A2] Single-layer non-woven fabric which is abrasive on both sides has a basis weight of 15-150 g/m² and contains a uniform mixture of: (A) micro-fibres with a diameter of 1-10 microns; and (B) macro-fibres with a diameter of 15-50 microns. An Independent claim is also included for a melt-blown process for the production of abrasive non-woven fabric by feeding a mixture of polymers with different properties and optional additives into an extruder, extruding the mixture at an outlet temperature of 180-300 degrees C, spinning the extrudate through dies and laying down the spun fibres on a collector.

IPC 8 full level
D04H 1/56 (2006.01); **D04H 1/42** (2012.01); **D04H 1/4291** (2012.01); **D04H 1/724** (2012.01); **D04H 3/007** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)
D04H 1/4291 (2013.01 - EP); **D04H 1/4334** (2013.01 - EP); **D04H 1/435** (2013.01 - EP); **D04H 1/43835** (2020.05 - EP US); **D04H 1/43838** (2020.05 - EP US); **D04H 1/724** (2013.01 - EP); **D04H 3/007** (2013.01 - EP); **D04H 3/16** (2013.01 - EP)

Cited by
CN103696130A; CN102797113A; EP1602359A1; CN103552326A; CN114318675A; CN110234804A; EP3575467A4; US11124907B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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