

Title (en)
ROLL ARRANGEMENT FOR PRODUCING FLEECE

Title (de)
WALZENANORDNUNG FÜR DIE VLIES-PRODUKTION

Title (fr)
SYSTEME DE ROULEAUX POUR LA PRODUCTION DE NON-TISSES

Publication
EP 1819864 A2 20070822 (DE)

Application
EP 05813636 A 20051103

Priority
• EP 2005055735 W 20051103
• DE 102004054532 A 20041105
• DE 102004056154 A 20041117

Abstract (en)
[origin: US7690093B2] The invention relates to an apparatus for producing nonwoven, fleece-like fiber products, said apparatus comprising a transfer belt configured to transport an intermediate product on the underside of a transfer belt to a roller arrangement, said roller arrangement comprising four rotatable rollers that are arranged and configured to interact in pairs in constellations that can be selectively modified, wherein each of the four rollers has a rotational axis, and the four rotational axes run at least approximately parallel to each other.

IPC 8 full level
D06C 15/02 (2006.01); **D04H 1/425** (2012.01); **D04H 1/44** (2006.01); **D04H 1/54** (2012.01); **D04H 1/541** (2012.01); **D04H 1/70** (2012.01)

CPC (source: EP US)
D04H 1/425 (2013.01 - EP US); **D04H 1/44** (2013.01 - EP US); **D04H 1/54** (2013.01 - EP US); **D04H 1/70** (2013.01 - EP US);
D06C 15/02 (2013.01 - EP US); **D04H 1/5418** (2020.05 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009119895 A1 20090514; US 7690093 B2 20100406; AT E475736 T1 20100815; CA 2586495 A1 20060511; CA 2586495 C 20130716;
DE 102004056154 A1 20060511; DE 502005010021 D1 20100909; DK 1819864 T3 20101122; EP 1819864 A2 20070822;
EP 1819864 B1 20100728; JP 2008518864 A 20080605; JP 4630341 B2 20110209; PL 1819864 T3 20110131; WO 2006048437 A2 20060511;
WO 2006048437 A3 20060921

DOCDB simple family (application)
US 66619905 A 20051103; AT 05813636 T 20051103; CA 2586495 A 20051103; DE 102004056154 A 20041117; DE 502005010021 T 20051103;
DK 05813636 T 20051103; EP 05813636 A 20051103; EP 2005055735 W 20051103; JP 2007539577 A 20051103; PL 05813636 T 20051103