

Title (en)
Device for manufacturing a spacer fabric

Title (de)
Vorrichtung zur Erzeugung eines Abstandsgestrics

Title (fr)
Dispositif pour la production d'un tricot double parois

Publication
EP 1801277 B1 20100421 (DE)

Application
EP 06023602 A 20061114

Priority
DE 102005062403 A 20051223

Abstract (en)
[origin: EP1801277A1] The device has a group of needles (2a-h) supported to slide longitudinally in a needle board and connected with a drive to control the longitudinal movement to form a needle contour (2). The longitudinal movement is controlled with another group of needles (3a-f) supported to slide longitudinally in a needle board and connected with a drive (13) to control the longitudinal movement to form another needle contour (3). A group (5,6) of presentation parts (5a-6c) is movably supported and connected with a drive to control the movement. The presentation part has a functional part provided for guiding a pile yarn (24). An independent claim is also included for spacer fabric manufacturing method.

IPC 8 full level
D04B 39/00 (2006.01)

CPC (source: EP KR US)
D04B 1/22 (2013.01 - EP US); **D04B 9/06** (2013.01 - EP US); **D04B 9/42** (2013.01 - EP); **D04B 15/00** (2013.01 - KR); **D04B 15/02** (2013.01 - EP US); **D04B 15/16** (2013.01 - KR); **D10B 2403/021** (2013.01 - EP US)

Cited by
DE102015000501A1; KR100859682B1

Designated contracting state (EPC)
DE FR GB IT TR

DOCDB simple family (publication)
EP 1801277 A1 20070627; **EP 1801277 B1 20100421**; CN 100554548 C 20091028; CN 101003924 A 20070725; DE 102005062403 B3 20070823; DE 502006006776 D1 20100602; JP 2007169871 A 20070705; JP 4348362 B2 20091021; KR 100859682 B1 20080923; KR 20070066910 A 20070627; US 2007144219 A1 20070628; US 7293432 B2 20071113

DOCDB simple family (application)
EP 06023602 A 20061114; CN 200610064063 A 20061222; DE 102005062403 A 20051223; DE 502006006776 T 20061114; JP 2006345932 A 20061222; KR 20060131561 A 20061221; US 64178106 A 20061220