

Title (en)
MICROPUMP

Title (de)
MIKROPUMPE

Title (fr)
MICROPOMPE

Publication
EP 2232070 B1 20121121 (DE)

Application
EP 08870391 A 20081217

Priority
• EP 2008067708 W 20081217
• DE 102008003792 A 20080110

Abstract (en)
[origin: WO2009087025A1] The invention relates to a method for manufacturing a micropump, preferably for the dosed administration of insulin, wherein a plurality of layers are arranged on the front side (V) of a first support layer (1) having a front side (V) and a back side (R), and wherein microfluidic functional elements (12) are formed through the structuring of at least one of the layers. According to the invention, it is provided that the structuring of the at least one layer for the producing of all microfluidic functional elements (12) is accomplished through front side structuring. The invention further relates to a micropump.

IPC 8 full level
F04B 19/00 (2006.01)

CPC (source: EP US)
F04B 19/006 (2013.01 - EP US); **F04B 43/043** (2013.01 - EP US); **Y10T 29/49229** (2015.01 - US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102008003792 A1 20090716; EP 2232070 A1 20100929; EP 2232070 B1 20121121; TW 200946444 A 20091116; TW I510426 B 20151201; US 2011034873 A1 201110210; US 8607450 B2 20131217; WO 2009087025 A1 20090716

DOCDB simple family (application)
DE 102008003792 A 20080110; EP 08870391 A 20081217; EP 2008067708 W 20081217; TW 98100453 A 20090108; US 81193608 A 20081217