

Title (en)

FLUIDIC DUCT STRUCTURE AND CASSETTE FOR PERISTALTIC PUMP

Title (de)

FLUIDKANALSTRUKTUR UND KASSETTE FÜR EINE SCHLAUCHPUMPE

Title (fr)

STRUCTURE DE CONDUITS FLUIDIQUES ET CASSETTE POUR POMPE PERISTALTIQUE

Publication

**EP 2247856 A2 20101110 (FR)**

Application

**EP 09705009 A 20090122**

Priority

- FR 2009050085 W 20090122
- FR 0850447 A 20080124

Abstract (en)

[origin: WO2009095586A2] The invention relates to a fluidic duct structure for the cassette of a peristaltic pump, that comprises: a duct-forming assembly (22) made in a rigid plate (16); two connection means (28, 30) connected to said duct-forming assembly; a deformable piping (36) extending outside said plate and having two ends (36b, 36c) respectively connected to said connection means, said piping including a portion substantially in the shape of a semi-circle for cooperation with the rotor (82) of the peristaltic pump; and connection means (86, 90, 92) of said duct-forming assembly for connecting said ducts to fluidic components to be mounted on the cassette. The duct-forming assembly comprises a hollow pattern (40) giving into a surface of the plate (16) and a thin film (26) tightly attached on the surface of the plate opposite the hollow pattern.

IPC 8 full level

**F04B 43/12** (2006.01)

CPC (source: EP)

**F04B 43/0072** (2013.01); **F04B 43/1269** (2013.01)

Citation (search report)

See references of WO 2009095586A2

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**FR 2926855 A1 20090731**; EP 2247856 A2 20101110; WO 2009095586 A2 20090806; WO 2009095586 A3 20100401

DOCDB simple family (application)

**FR 0850447 A 20080124**; EP 09705009 A 20090122; FR 2009050085 W 20090122