

Title (en)
PERISTALTIC PUMP HOUSING

Title (de)
PERISTALPUMPENKASSETTE

Title (fr)
CASSETTE DE POMPE PERISTALTIQUE

Publication
EP 0712465 A1 19960522 (FR)

Application
EP 94923774 A 19940803

Priority
• FR 9400976 W 19940803
• FR 9309749 A 19930806

Abstract (en)
[origin: WO9504886A1] A peristaltic pump housing (1) interacting in use with a drive unit (22) via a drive shaft (30) including a casing (40) with a tube-engaging surface (12), a compressible tube (11) and rotary rollers (14) friction driven by the drive shaft (30). The compressible tube (11) is arranged on the tube-engaging surface (12) and compressed by the rotary rollers (14) to convey the fluid contained therein. Before being used for the first time, the rollers (14) are in a radial position in which the tube (11) is not closed off. When they are first used, the rollers are shifted radially by inserting the drive shaft (30), whereby the tube is closed off. After use, the rollers (14) are held in a radial position in which the tube is closed off.

IPC 1-7
F04B 43/12

IPC 8 full level
A61M 1/10 (2006.01); **F04B 43/12** (2006.01); **F04C 5/00** (2006.01)

CPC (source: EP US)
F04B 43/12 (2013.01 - EP US); **F04B 43/1276** (2013.01 - EP US)

Citation (search report)
See references of WO 9504886A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9504886 A1 19950216; AU 7387394 A 19950228; CA 2168854 A1 19950216; DE 69402428 D1 19970507; DE 69402428 T2 19971023; EP 0712465 A1 19960522; EP 0712465 B1 19970402; FR 2708675 A1 19950210; FR 2708675 B1 19951020; JP 2723363 B2 19980309; JP H08510814 A 19961112; US 5655897 A 19970812

DOCDB simple family (application)
FR 9400976 W 19940803; AU 7387394 A 19940803; CA 2168854 A 19940803; DE 69402428 T 19940803; EP 94923774 A 19940803; FR 9309749 A 19930806; JP 50624994 A 19940803; US 59154196 A 19960328