

Title (en)
A PERISTALTIC PUMP

Publication
EP 0242077 A3 19880720 (EN)

Application
EP 87302712 A 19870330

Priority
GB 8608950 A 19860412

Abstract (en)
[origin: EP0242077A2] A peristaltic pump (I) capable of compressing a flexible walled tube (9) between a pressure member (5) and a pressure plate (6). In order for the force applied to the flexible walled tube (9) to be constant the pressure member (5) and pressure plate (6) are hydraulically biased together. In particular the pressure member (5) and pressure plate (6) are biased together by means of compressed air contained in a pressure chamber (7).

IPC 1-7
F04B 43/12

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

CPC (source: EP)
F04B 43/1292 (2013.01)

Citation (search report)

- [X] FR 2107507 A5 19720505 - TECHNICON INSTR
- [A] US 3425357 A 19690204 - BILICHNIANSKY THEODORE, et al
- [Y] GB 990548 A 19650428 - TECHNICON INSTR
- [X] DE 1140820 B 19621206 - LAING NIKOLAUS
- [X] CH 519107 A 19720215 - MARTINI GIANCARLO [IT]

Cited by
US5033942A; FR2739662A1; US5009573A; WO9102900A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 0242077 A2 19871021; EP 0242077 A3 19880720; GB 8608950 D0 19860514; JP S62243980 A 19871024

DOCDB simple family (application)
EP 87302712 A 19870330; GB 8608950 A 19860412; JP 8724987 A 19870410