

Title (en)  
PERISTALTIC PUMP

Publication  
**EP 0041267 B1 19831228 (FR)**

Application  
**EP 81104214 A 19810602**

Priority  
FR 8012292 A 19800603

Abstract (en)  
[origin: ES8204507A1] A peristaltic pump having a deformable tube (11) forming the pump body, placed between rollers (15, 16) driven by friction from a central drive shaft (6), and located in an external casing (1) forming runways (13, 14) for the rollers, positioned on either side of a groove (10) in the tube housing. Each roller (15) engaging the tube (11) is rigid in its center section where it acts on the tube, but is elastically deformable at its ends which are running on the runways (13, 14).

IPC 1-7  
**F04B 43/12**

IPC 8 full level  
**F04C 15/00** (2006.01); **F04B 43/12** (2006.01); **F04C 5/00** (2006.01)

CPC (source: EP US)  
**F04B 43/1238** (2013.01 - EP US); **F04B 43/1253** (2013.01 - EP US)

Cited by  
US6035904A; EP3232059A3; EP1626759B1

Designated contracting state (EPC)  
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**EP 0041267 A1 19811209; EP 0041267 B1 19831228**; DE 3161770 D1 19840202; ES 503258 A0 19820501; ES 8204507 A1 19820501; FR 2483536 A1 19811204; FR 2483536 B1 19840420; JP H0147634 B2 19891016; JP S5724483 A 19820209; US 4702679 A 19871027

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**EP 81104214 A 19810602**; DE 3161770 T 19810602; ES 503258 A 19810603; FR 8012292 A 19800603; JP 8551881 A 19810603; US 59122584 A 19840319