

Title (en)
Peristaltic pump.

Title (de)
Peristaltische Pumpe.

Title (fr)
Pompe péristaltique.

Publication
EP 0523354 B1 19950726 (FR)

Application
EP 92108752 A 19920525

Priority
FR 9107358 A 19910612

Abstract (en)
[origin: US5249937A] A medical peristaltic pump having improved pumping and sealing qualities, as well as providing increased flexibility of use and a high level of security. The pump is assembled from at least three modules, a pump rotor (22) being housed in a first module (36; 172) for compressing at least one tube (28; 28a; 28b) connecting a reservoir (30) for storing a liquid substance to the output (32) of the pump. The compression is effected against at least one support piece (34) of a second module (38, 174). The first and second modules are provided with first positioning elements and first assembly elements in a manner to define a set of two modules for compressing the tube to pump the liquid substance. The set of two modules and a third module (40, 176) are provided with second positioning elements and second assembly elements in a manner such that, once assembled, the third module (40, 176) assures sealing of the first module.

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F04B 43/12

IPC 8 full level
A61M 5/142 (2006.01); **F04B 43/12** (2006.01)

CPC (source: EP US)
F04B 43/1253 (2013.01 - EP US); **F04B 43/1284** (2013.01 - EP US); **F04B 43/1292** (2013.01 - EP US)

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AT BE CH DE DK ES FR GB IT LI LU NL SE

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US 5249937 A 19931005; AT E125597 T1 19950815; CA 2070190 A1 19921213; DE 69203668 D1 19950831; DE 69203668 T2 19960314; DK 0523354 T3 19951218; EP 0523354 A1 19930120; EP 0523354 B1 19950726; ES 2077917 T3 19951201; FI 102693 B1 19990129; FI 102693 B 19990129; FI 922712 A0 19920611; FI 922712 A 19921213; FR 2677711 A1 19921218; FR 2677711 B1 19931008; IE 70220 B1 19961113; IE 921714 A1 19921216; JP 3170043 B2 20010528; JP H05168709 A 19930702; NO 178642 B 19960122; NO 178642 C 19960502; NO 922302 D0 19920611; NO 922302 L 19921214

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