

Title (en)

Assembling device for a tube on a peristaltic pump.

Title (de)

Montagevorrichtung eines Schlauches in einer peristaltischen Pumpe.

Title (fr)

Dispositif d'assemblage d'une tubulure sur une pompe péristaltique.

Publication

EP 0448909 B1 19931118 (FR)

Application

EP 90810248 A 19900328

Priority

EP 90810248 A 19900328

Abstract (en)

[origin: US5131823A] This device includes a support (14) provided with a semicylindrical seat (15) intended to receive a connection piece segment (12). This segment (12) has a semicircular collar (170) inclined with respect to the axis of the connection piece and intended to penetrate into a groove (16) having the same inclination as the collar (17) with respect to the axis of the semicylindrical seat 15. As a result, when a traction force is exerted by the pump on the portion of the connection piece, and the collar (17) engages the groove (16), this force tends to press the segment (12) against the seat (15) and cause self-locking of the assembly.

IPC 1-7

F04B 43/12

IPC 8 full level

F04C 5/00 (2006.01); **F04B 43/00** (2006.01); **F04B 43/12** (2006.01)

CPC (source: EP US)

F04B 43/0072 (2013.01 - EP US); **F04B 43/12** (2013.01 - EP US)

Cited by

US8608716B2; US9717890B2

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DOCDB simple family (publication)

EP 0448909 A1 19911002; **EP 0448909 B1 19931118**; AT E97467 T1 19931215; DE 69004682 D1 19931223; DE 69004682 T2 19940428; DK 0448909 T3 19940418; ES 2046760 T3 19940201; JP 2892852 B2 19990517; JP H04224292 A 19920813; US 5131823 A 19920721

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EP 90810248 A 19900328; AT 90810248 T 19900328; DE 69004682 T 19900328; DK 90810248 T 19900328; ES 90810248 T 19900328; JP 6336991 A 19910327; US 67086491 A 19910318