

Title (en)
Pumping mechanism.

Title (de)
Pumpvorrichtung.

Title (fr)
Mécanisme de pompage.

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EP 0399118 A1 19901128 (EN)

Application
EP 89307675 A 19890727

Priority
US 35565989 A 19890523

Abstract (en)
A snap-together peristaltic pumping mechanism (18) comprises a pump housing and a support (70) for creating a holding cavity for a peristaltic drive mechanism. Specifically, the peristaltic drive mechanism comprises a plurality of fingers (60) which sequentially urge against a resilient tube (16) to create a moving zone of occlusion therealong. The plurality of fingers (60) are reciprocally moved by a plurality of rotating cam lobes (41) which are assembled onto and coaxially held along a stationary round shaft. The cam lobes (41) are interconnected to controllably cause their respective fingers (60) to engage with and disengage from the resilient tube (16).

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IPC 8 full level
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CPC (source: EP)
F04B 43/082 (2013.01)

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• [AD] US 4755109 A 19880705 - BOTTS CHARLES R [US]
• [A] EP 0283614 A1 19880928 - FISHER SCIENT GROUP INC [US]

Designated contracting state (EPC)
DE FR GB

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