

Title (en)
PERISTALTIC PUMP

Title (de)
PERISTALTIKPUMPE

Title (fr)
POMPE PERISTALTIQUE

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Application
EP 96927097 A 19960726

Priority
• FR 9601190 W 19960726
• FR 9509386 A 19950727

Abstract (en)
[origin: FR2737261A1] A pump including a fixed body or stator (2), a rotor (3) with circumferential rollers (6) and a flexible fluid transfer tube (1) inserted therebetween and squeezed by at least two consecutive rollers (6) defining a transfer chamber (7). The fixed body or stator (2) comprises a recessed portion (5) with a constant radius centred on the axis (4) of the rotor (3), followed by a portion (5a) with a gradually increasing radius (R1, R2, ..., Rn), as measured from the axis (4) of the rotor (3). The pump discharge rate (D) is thus substantially constant. Said pump may be used in medicine.

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