

Title (en)

Medical gear pump

Title (de)

Medizinische Zahnradpumpe

Title (fr)

Pompe médicale à engrenages

Publication

EP 1155240 B1 20051130 (DE)

Application

EP 00991181 A 20001213

Priority

- DE 19962498 A 19991223
- EP 0012633 W 20001213

Abstract (en)

[origin: WO0148382A1] The invention relates to a pump body (10) used in a medical gear-pump for suction and irrigation. Said pump body comprises a pot-shaped pump housing (12) with two cylindrical openings (18, 20) that accommodate two meshing gear wheels (30, 42). The driving gear wheel (30) is housed in the opening (18) without using a journal bearing. A cover (16) closes the pot-shaped pump housing (12). The invention is characterised in that a pin (40) protrudes from a base (14) of the pump housing (12) and that the travelling gear wheel (42) is pushed onto said pin.

IPC 1-7

F04C 2/08; F04C 2/18; F04C 13/00

IPC 8 full level

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Cited by

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DOCDB simple family (publication)

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