

Title (en)

Internal gear pump

Title (de)

Innenzahnrad- bzw. Innenkonturrotor-Druckmittelpumpe

Title (fr)

Pompe à engrenages internes

Publication

EP 0987437 B1 20030618 (DE)

Application

EP 98117515 A 19980915

Priority

EP 98117515 A 19980915

Abstract (en)

[origin: EP0987437A1] The pump has a casing in which the circumference of an internal gear wheel or internal shaped rotor (2) can slide on a bearing shell (7) engaged with an external gear wheel or rotor (3) so that a crescent-shaped pumping chamber is formed. At least the external circumference of the internal gear wheel or rotor, or the internal circumference of the external one, is fixed to the bearing shell, which is made of a sound-damping plastic material

IPC 1-7

F04C 2/10; **F04C 15/00**

IPC 8 full level

F04C 2/10 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

F04C 2/102 (2013.01); **F04C 15/0076** (2013.01)

Cited by

DE10155871A1; WO2010006575A3

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

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