

Title (en)

Internal gear pump with sealings incorporated in the teeth

Title (de)

Sichellose Innenzahnradpumpe mit in die Zahnköpfe eingesetzten Dichtelementen

Title (fr)

Pompe à engrenages internes avec joint d'étanchéité incorporé dans les dents

Publication

**EP 1039135 A3 20011219 (DE)**

Application

**EP 99124717 A 19991211**

Priority

DE 19913752 A 19990326

Abstract (en)

[origin: EP1039135A2] The pump has an internal geared hollow wheel (6) with a meshing pinion (5) in a housing (1). Each tooth tip (14) of the wheel has a profiled groove for a sealing element (30) for sliding seal with the tooth tips of the pinion. The sealing elements are of metal, esp. of steel.

IPC 1-7

**F04C 2/10**

IPC 8 full level

**F04C 2/08** (2006.01); **F04C 2/10** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

**F04C 2/084** (2013.01); **F04C 2/102** (2013.01); **F04C 15/0019** (2013.01)

Citation (search report)

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