

Title (en)

Internal-gear pump for hydraulic fluid.

Title (de)

Innenzahnradpumpe für Hydraulikflüssigkeit.

Title (fr)

Pompe à engrenages internes pour fluide hydraulique.

Publication

**EP 0475109 B1 19940420 (DE)**

Application

**EP 91113737 A 19910816**

Priority

- DE 4026259 A 19900820
- DE 4028209 A 19900906

Abstract (en)

[origin: EP0475109A1] In the internal-gear pump, the outer gear having internal toothing is arranged in a fixed manner. The smaller, inner gear having external toothing revolves on an eccentric driven in rotation and meshes with the toothing of the outer gear. The pump has a circular cylindrical inlet chamber (28) which is concentric with the outer gear, is partially covered by the inner gear (14) and leaves free only a limited, crescent-shaped inlet area (27). <IMAGE>

IPC 1-7

**F04C 2/10**; F04C 15/02

IPC 8 full level

**F04C 2/10** (2006.01)

CPC (source: EP)

**F04C 2/102** (2013.01)

Cited by

DE102016121237A1; US11092153B2; DE102016121237B4; DE102017104063A1; DE102017104063B4; DE4412980A1; FR2704602A1; DE4412980C2

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