

Title (en)

Gear for gear pumps and obtaining process

Title (de)

Zahnrad für Zahnradpumpen und Herstellungsverfahren

Title (fr)

Engrenage de pompe à engrenage et procédé d'obtention

Publication

EP 0667453 B1 19980701 (FR)

Application

EP 95420030 A 19950213

Priority

FR 9401948 A 19940215

Abstract (en)

[origin: EP0667453A1] Toothed gear is claimed for a geared pump incorporating a set of teeth (2) and two parallel lateral faces (3,4). Each lateral face carries a raised continuous and closed rib (5), which presents a ledge (6) at its top with a width of between 0.5 and 2 mm. This ledge is between 0 and 5 mm, and preferably between 0 and 2.5 mm, from the edge of the teeth. The method used to fabricate this gear is also claimed.

IPC 1-7

F04C 2/08; **B22F 5/08**

IPC 8 full level

B22F 5/08 (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0667453 A1 19950816; **EP 0667453 B1 19980701**; DE 69503158 D1 19980806; DE 69503158 T2 19990401; FR 2716240 A1 19950818; FR 2716240 B1 19960412

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