

Title (en)

Gear pump for the delivery of lacquer

Title (de)

Zahnradpumpe zur Lackförderung

Title (fr)

Pompe à engrenages pour le refoulement de laque

Publication

EP 0696679 B1 19990616 (DE)

Application

EP 95110689 A 19950708

Priority

DE 4425226 A 19940716

Abstract (en)

[origin: EP0696679A1] The pump housing consists of a control body (14), in which the gears are mounted, and side cover plates (16,18) with bores in which the support shafts for the gears are mounted. Annular gaps are formed between the bores of the gears and their support shafts. The bores of the gears have a large number of linear grooves around their circumference. Each support shaft has a radial bore (39,41) which connect to axial bores (38,40) in the shafts through which the cleaning fluid can flow.

IPC 1-7

F04C 2/18; **F04C 13/00**

IPC 8 full level

F04C 2/08 (2006.01); **F04C 2/18** (2006.01); **F04C 13/00** (2006.01)

CPC (source: EP)

F04C 2/084 (2013.01); **F04C 13/005** (2013.01)

Cited by

EP1659290A3; CN102135093A; WO03083306A1; US7048524B2; US7241122B2

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

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DE 4425226 A1 19960118; DE 59506206 D1 19990722; EP 0696679 A1 19960214; EP 0696679 B1 19990616; ES 2134379 T3 19991001

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