

Title (en)
Variable delivery gear pump.

Title (de)
Zahnradpumpe variabler Durchflussmenge.

Title (fr)
Pompe à engrenages à refoulement variable.

Publication
EP 0478514 A1 19920401 (EN)

Application
EP 91830381 A 19910918

Priority
IT 6772290 A 19900926

Abstract (en)
A geared pump (10) with a variable flow rate, in which the gears (14, 16) can slide axially relative to each other, has a pair of cup-shaped sealing elements (36, 40) adapted substantially to fill the spaces between adjacent teeth and having slots (37) in which the tips of the teeth of the gears are disposed. <IMAGE>

IPC 1-7
F04C 15/04

IPC 8 full level
F04C 14/18 (2006.01); **F04C 2/18** (2006.01)

IPC 8 main group level
F04B (2006.01)

CPC (source: EP)
F04C 14/185 (2013.01); **F04C 2/18** (2013.01)

Citation (search report)

- [X] GB 1265407 A 19720301
- [X] US 3588295 A 19710628 - BURK LOWELL E

Cited by
ITPD20100083A1; GB2265945B; DE102019121786A1; KR101449224B1; US2016369795A1; DE102018213584A1; DE19947577A1; DE102018005361A1; US10393114B2; DE102020001287A1; US9091265B2; US11022115B2; WO2011129776A3; US9388883B2; US11621604B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)
EP 0478514 A1 19920401; IT 1241688 B 19940131; IT 9067722 A0 19900926; IT 9067722 A1 19920326

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EP 91830381 A 19910918; IT 6772290 A 19900926