

Title (en)
REGULATING DEVICE FOR POSITIVE-DISPLACEMENT PUMPS

Title (de)
REGELEINRICHTUNG FÜR VERDRÄNGERPUMPEN

Title (fr)
DISPOSITIF REGULATEUR POUR POMPES VOLUMETRIQUES

Publication
EP 1027541 A1 20000816 (DE)

Application
EP 98959792 A 19981022

Priority
• DE 19747341 A 19971027
• EP 9806709 W 19981022

Abstract (en)
[origin: DE19747341A1] The control mechanism for displacement pumps has a control piston (17) with at least one control edge (19). Working with the opening of the throttle channel (12), the cross section surface of the throttle channel is reduced while the piston moves towards the spring zone (15). The control piston also has at least one further control edge, which increases the cross section surface of the throttle channel while the piston moves towards the spring zone.

IPC 1-7
F04C 15/04

IPC 8 full level
F04B 49/00 (2006.01); **F04B 49/03** (2006.01); **F04B 49/035** (2006.01); **F04C 14/26** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP US)
F04C 14/26 (2013.01 - EP US); **F04C 2270/052** (2013.01 - EP US)

Designated contracting state (EPC)
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