

Title (en)
Screw pump

Title (de)
Schneckenpumpe

Title (fr)
Pompe à vis

Publication
EP 0740075 B1 19990728 (DE)

Application
EP 96105517 A 19960406

Priority
DE 19513452 A 19950408

Abstract (en)
[origin: EP0740075A1] The controllable adjusting system (28) is controllable depending on the output signal of the measuring system. The clamping pressure exerted by the worm casing (22) against the conveying screw (14) is esp. proportional to the conveying pressure. A determination system is provided for determining the conveying pressure from the operating parameters of the drive system (16). The adjusting system (28) is controllable depending on the output signal of the determination system. The drive unit (16) and the adjusting system are respectively driven hydraulically.

IPC 1-7
F04B 19/12; F04D 3/02; F04D 15/00

IPC 8 full level
E04F 21/10 (2006.01); **F04B 19/12** (2006.01); **F04D 3/02** (2006.01); **F04D 7/00** (2006.01); **F04D 15/00** (2006.01)

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Designated contracting state (EPC)
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