

Title (en)

Pump system with current controlled motor

Title (de)

Fördervorrichtung mit einem stromgesteuerten Motor

Title (fr)

Système de pompe avec commande du courant du moteur

Publication

EP 1172560 A3 20031126 (DE)

Application

EP 01116892 A 20010711

Priority

DE 10033992 A 20000712

Abstract (en)

[origin: EP1172560A2] The feed device has a current-controlled electric motor, e.g. a servo or stepping motor and a conversion gearing, converting the motor rotation into a linear reciprocation for driving the feed device. The current for the motor is limited by the expected motor loading dependent on the stroke position of the feed device.

IPC 1-7

F04B 49/06

IPC 8 full level

F04B 49/06 (2006.01)

CPC (source: EP)

F04B 49/065 (2013.01); **F04B 2203/0201** (2013.01); **F04B 2203/0401** (2013.01)

Citation (search report)

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- [Y] US 5980211 A 19991109 - TOJO NAOTO [JP], et al
- [A] EP 0574623 A1 19931222 - VICKERS INC [US]
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CN108571441A; US2015159646A1

Designated contracting state (EPC)

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EP 1172560 A2 20020116; EP 1172560 A3 20031126; EP 1172560 B1 20051109; DE 10033992 A1 20020131; DE 50107956 D1 20051215

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EP 01116892 A 20010711; DE 10033992 A 20000712; DE 50107956 T 20010711