

Title (en)

Axial piston pump driven by an electric motor

Title (de)

Axialkolbenpumpe angetrieben von einem elektrischen Motor

Title (fr)

Pompe à piston axial entraînée par un Moteur électrique

Publication

EP 1457675 A3 20041013 (EN)

Application

EP 04003483 A 20040217

Priority

IT PD20030012 U 20030225

Abstract (en)

[origin: US2004166002A1] A hydraulic axial piston pump driven by an electric motor, comprising an outer casing that is formed monolithically with elements for fixing the casing to the stator assembly of the electric motor; the electric motor being thus coupled directly to the outer casing.

IPC 1-7

F04B 1/12; **F04B 1/14**; **F04B 17/03**

IPC 8 full level

F04B 1/12 (2006.01); **F04B 1/14** (2006.01); **F04B 17/03** (2006.01); **F04B 27/10** (2006.01)

CPC (source: EP US)

F04B 1/128 (2013.01 - EP US); **F04B 1/145** (2013.01 - EP US); **F04B 17/03** (2013.01 - EP US); **F04B 27/1081** (2013.01 - EP US); **F05C 2225/00** (2013.01 - EP US)

Citation (search report)

- [XY] US 6257843 B1 20010710 - COOK JAMES E [US], et al
- [X] US 6499970 B1 20021231 - SIEGEL HEINZ [DE], et al
- [Y] US 6260582 B1 20010717 - TRAUTMANN FRANK [DE]
- [Y] GB 675754 A 19520716 - JOHN GANE SHIRLEY BARROW, et al
- [A] US 5854522 A 19981229 - IWATA MASATO [JP], et al
- [A] WO 9839568 A1 19980911 - FENNER CO LTD J H [GB], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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DOCDB simple family (application)

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