

Title (en)

Displacer pump.

Title (de)

Pumpe zum Verdrängen.

Title (fr)

Pompe pour déplacement.

Publication

EP 0450690 A1 19911009 (EN)

Application

EP 91200609 A 19910319

Priority

NL 9000785 A 19900403

Abstract (en)

The invention relates to a displacer pump (1) comprising a pump housing with a middle part (2) in which a pump chamber is defined and to which an inlet (3) and an outlet (6) are connected and with two bearing (14,15) boxes which are arranged on the sides against the middle part and in which bearings are mounted defining two parallel axes, wherein mounted in the bearings are bushes (16,17) with internal shaft engaging means (23) which slidably receive shafts (10,11) provided with external shaft engaging means (24) which shafts carry mutually co-acting displacer bodies (8,9) in the pump chamber (2). <IMAGE>

IPC 1-7

F04C 15/00; F16D 1/10

IPC 8 full level

F04C 15/00 (2006.01)

CPC (source: EP)

F04C 15/0061 (2013.01); **F04C 2230/70** (2013.01); **F04C 2240/30** (2013.01)

Citation (search report)

- [Y] FR 2322280 A1 19770325 - SHIMADZU CORP [JP]
- [Y] US 3053585 A 19620911 - HILDEBRAND CLEVELAND L
- [Y] GB 1510962 A 19780517 - WDM LTD
- [Y] US 2642808 A 19530623 - THOMAS DAVID F
- [A] US 3301349 A 19670131 - WILLIAMS JOHN W
- [A] DE 1008062 B 19570509 - DEMAG ZUG GMBH

Cited by

DE19613148A1; DE4401688A1; DE19646469A1; DE19646469C2; EP0841482A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0450690 A1 19911009; NL 9000785 A 19911101

DOCDB simple family (application)

EP 91200609 A 19910319; NL 9000785 A 19900403