

Title (en)
POSITIVE DISPLACEMENT MEMBER OF A PISTON PUMP

Publication
EP 0108944 B1 19860326 (DE)

Application
EP 83110319 A 19831015

Priority
DE 3238667 A 19821019

Abstract (en)
[origin: EP0108944A1] 1. Displacement component of a piston pump for abrasive and/or corrosive liquids, comprising a piston rod and a piston made of oxide-ceramic material that is secured to the rod by means of a detachable connection, the piston having a blind hole extending in the direction of the piston crown, characterised by the following combination of features : the blind hole (5) is cut by a recess (7) that passes through the skirt (6) of the piston (2), a threaded component (8) is introduced into this recess (7), the base (4) of the piston is held by an adaptor (9) secured thereto by means of a screw connection which engages the threaded component through the blind hole (5) and coupled to the piston rod (1).

IPC 1-7
F04B 21/04; **F04B 15/04**

IPC 8 full level
F04B 15/04 (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP)
F04B 53/147 (2013.01)

Cited by
IT201900006680A1; CN104755755A; IT201800004176A1; WO2014063966A1; US11149850B2; WO2019193437A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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