

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)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0108944 A1 19840523**; **EP 0108944 B1 19860326**; AT E18790 T1 19860415; DE 3238667 A1 19840426; DE 3362709 D1 19860430; DK 452983 A 19840420; DK 452983 D0 19830930; FI 73793 B 19870731; FI 73793 C 19871109; FI 833740 A0 19831014; FI 833740 A 19840420

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