

Title (en)  
PUMP

Title (de)  
PUMPE

Title (fr)  
POMPE

Publication  
**EP 0840851 A1 19980513 (DE)**

Application  
**EP 96925712 A 19960711**

Priority  
• DE 19527402 A 19950727  
• EP 9603028 W 19960711

Abstract (en)  
[origin: DE19527402A1] The present invention relates to a pump, especially a radial piston pump, having at least two pistons (10) with their working chambers (13), in which the working chambers (13) are connected via intake valve systems (8) to intake pipes (4) and via pressure valve systems (9) to a common pressure pipe (5), where at least one of the intake valve systems (8) opens during the pressure stroke depending on the pressure in one of the relevant pipes (4, 5) and at least one of the intake valve systems (8) opens during the pressure stroke depending on the pressure in the pressure pipe (5).

IPC 1-7  
**F04B 1/08**; F04B 49/24; F04B 1/053; B60T 13/16

IPC 8 full level  
**F04B 1/04** (2006.01); **B60T 13/16** (2006.01); **F04B 1/047** (2006.01); **F04B 1/053** (2006.01); **F04B 1/08** (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)  
**B60T 8/4031** (2013.01); **B60T 13/168** (2013.01); **F04B 1/053** (2013.01); **F04B 1/08** (2013.01); **F04B 49/243** (2013.01); **B60T 8/3205** (2013.01); **B60T 8/321** (2013.01)

Citation (search report)  
See references of WO 9705381A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**DE 19527402 A1 19970130**; EP 0840851 A1 19980513; JP H11509905 A 19990831; WO 9705381 A1 19970213

DOCDB simple family (application)  
**DE 19527402 A 19950727**; EP 9603028 W 19960711; EP 96925712 A 19960711; JP 50715497 A 19960711