

Title (en)  
Multiple coaxial pump

Title (de)  
Multiple Koaxialpumpe

Title (fr)  
Pompe coaxiale multiple

Publication  
**EP 2587067 A3 20180509 (DE)**

Application  
**EP 12180724 A 20120816**

Priority  
DE 102011116957 A 20111026

Abstract (en)  
[origin: EP2587067A2] The pump unit has two individual pumps (1,2) in a housing (5) with a total intake pipe (3) on the housing inlet (6) and a total pressure pipe (4) on the housing outlet (7). The individual pumps comprise intake pipes (8,9) and pressure pipes (10,11). The total intake pipe and the total pressure pipe are connected in parallel with the individual pumps by a one-or multi-part deflecting unit (13). The total intake pipe is connected with the intake pipe of the former individual pump and the pressure pipe of the former individual pump is connected with the intake pipe of the latter individual pump.

IPC 8 full level  
**F04D 13/12** (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)  
**F04D 13/12** (2013.01); **F04D 15/0005** (2013.01); **F04D 15/0072** (2013.01)

Citation (search report)

- [X] CH 557959 A 19750115 - KLEIN SCHANZLIN & BECKER AG
- [XA] GB 602408 A 19480526 - WATEROUS CO
- [X] US 3801224 A 19740402 - EBERHARDT H
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Cited by  
CN112128114A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2587067 A2 20130501; EP 2587067 A3 20180509; DE 102011116957 A1 20130502**

DOCDB simple family (application)  
**EP 12180724 A 20120816; DE 102011116957 A 20111026**