

Title (en)
Hydraulic system for two fixed-volume pumps

Title (de)
Hydraulikanlage für zwei Konstantpumpen

Title (fr)
Système hydraulique pour deux pompes à débits constants

Publication
EP 1243799 A3 20040317 (DE)

Application
EP 02005602 A 20020312

Priority
DE 10114042 A 20010322

Abstract (en)
[origin: EP1243799A2] The system has a supply pipe (14) containing a preceding hydraulic module (27). This is positioned, so that the bypass channel (29) branches off the section (23) downstream of the module. This section is also connected to a secondary connections (40), which is charged with pressure medium by the second fixed displacement pump. The module is formed for attachment to a connection panel (16). The feed channel in the panel is interrupted in such a way, that its two sections (22,23) each form an intermediate connection (25,26) in a mounting surface (24), and are connected by the module.

IPC 1-7
F04B 49/00; **F15B 11/17**

IPC 8 full level
F04B 23/06 (2006.01); **F04B 49/08** (2006.01); **F15B 11/17** (2006.01); **F15B 13/00** (2006.01)

CPC (source: EP)
F04B 23/06 (2013.01); **F04B 49/08** (2013.01); **F15B 11/17** (2013.01); **F15B 2013/006** (2013.01); **F15B 2211/20576** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/46** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/5157** (2013.01); **F15B 2211/57** (2013.01); **F15B 2211/6054** (2013.01)

Citation (search report)

- [XD] EP 0190431 B
- [AD] US 4212165 A 19800715 - ZIRPS WILHELM [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)

Cited by
CN104192709A; CN114233601A; GB2406618A; GB2406618B; US10119558B2; WO2015055276A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1243799 A2 20020925; **EP 1243799 A3 20040317**; DE 10114042 A1 20020926; DE 10114042 B4 20080410

DOCDB simple family (application)
EP 02005602 A 20020312; DE 10114042 A 20010322