

Title (en)
Hydraulic pump.

Title (de)
Hydropumpe.

Title (fr)
Pompe hydraulique.

Publication
EP 0499794 B1 19940406 (DE)

Application
EP 92100785 A 19920118

Priority
DE 4105030 A 19910219

Abstract (en)
[origin: EP0499794A1] A hydraulic pump, in which two pump elements deliver from a common suction chamber and the delivery currents can alternately be jointly fed to a pressure outlet or can be split to two outlets of which one outlet leads back into the suction chamber, is to be simplified with regard to its construction. <??>For this purpose, the pressure-side chambers for the separate delivery currents can be connected via a one-way valve through which in the open state the delivery current of one pump element can be united with that of the second pump element. <??>The different delivery current guides are switched via control valves whose position depends solely on the pressure prevailing at the pressure outlet of the hydraulic pump. <??>The control valves to be switched are a joint component of a single control slide valve. <IMAGE>

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F04C 15/04

IPC 8 full level
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EP 92100785 A 19920118; DE 4105030 A 19910219; JP 6547592 A 19920206; US 83651092 A 19920218