

Title (en)
Hydraulic power unit.

Title (de)
Hydraulische Versorgungseinheit.

Title (fr)
Unité de puissance hydraulique.

Publication
EP 0087794 A2 19830907 (EN)

Application
EP 83101948 A 19830228

Priority
IT 335382 A 19820302

Abstract (en)
In order to obtain a hydraulic power unit of small dimensions and simple construction, particularly adapted for double-acting hydraulic actuators, the pump (A) of the power unit is constituted by a reversible pump, activated, for example, by a reversible electric motor, while the two mouths (B, B min) of the pump, each of which can operate alternately as a suction mouth and as a delivery mouth, are each connected or connectible, possibly by means of a hydraulic distributor (R), at one side to conduits (C, C min or C sec , C'') for connection to the user and at the other side to the tank (H) for the hydraulic liquid either by means of associated unidirectional valves (F, F min) opening in the direction of the flow from the tank (H) to the respective mouth (B, B min), or - parallelly with said unidirectional valves (F, F min) - by means of associated automatic pressure relief valves (L, L min).

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IPC 8 full level
F15B 7/00 (2006.01); **F15B 15/18** (2006.01)

CPC (source: EP)
F15B 7/006 (2013.01)

Cited by
EP0932773A4; FR2687206A1; DE102011117486A1; NL9401692A; US5857381A; GB2239488A; GB2239488B; WO9612108A1; US9309968B2; EP2045304B1

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