

Title (en)
HYDRO-MOTORS SYSTEM WITH VARIABLE COMBINATION UNITS

Title (de)
HYDROMOTORENSYSTEM MIT VERÄNDERBAREN KOMBINATIONSEINHEITEN

Title (fr)
SYSTÈME D'HYDROMOTEURS AVEC UNITÉS DE COMBINAISON VARIABLES

Publication
EP 3280913 A4 20180606 (EN)

Application
EP 15888385 A 20150410

Priority
IB 2015052610 W 20150410

Abstract (en)
[origin: WO2016162733A1] The embodiments herein relate to a system for moving a load through a plurality of hydraulic pumps. The system comprises a plurality of hydraulic motors, a plurality of hydraulic pumps and a load shaft. Each hydraulic motor comprises a fluid chamber, an input valve, an output valve and an output shaft. The fluid chamber comprises a piston having its movement due to a fluid flow inside the fluid chamber. The input valve in each hydraulic motor controls an intake fluid flow. The output valve is placed at a displaced position with respect to the input valve on the fluid chamber. The output shaft is connected to the piston in the fluid chamber. The input and output valves of the plurality of hydraulic are connected to a fluid supply conduit in either a series mannerism or a parallel mannerism.

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Citation (search report)

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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

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