

## Title (en)

OIL CONTAINER FOR SUPPLYING HYDRAULIC WORKING CIRCUITS SERVING FOR ACCUMULATION AND RESUMPTION OF RETURNED OIL

## Publication

**EP 0271702 A3 19900425 (DE)**

## Application

**EP 87116360 A 19871106**

## Priority

DE 3643265 A 19861218

## Abstract (en)

[origin: US4809745A] An oil container for the supply of hydraulic power circuits with a storage function and for receiving oil returned from the circuits. The oil container has storage means and comprises walls and internal partitions constituting a multifunctional system, the partitions defining a collection space adapted when required to accept at least a major part of the oil in the power circuit, an intake space for oil returned from the system, a transition space connected with an outlet of the intake space and separated from the intake space by an oil-permeable partition, a storage space connected with an outlet of the transition space and separated from the transition space by an oil-permeable partition so that the oil is returned into the oil container. The oil returning to the container owing to leakage or by the operation of valves is cooled, calmed, filtered and freed of bubbles on passing through the intake space and the transition space into the storage space. The oil container may if required have means for automatic control of at least the amount of oil in one of the spaces.

## IPC 1-7

**F15B 1/06**

## IPC 8 full level

**F15B 1/26** (2006.01)

## CPC (source: EP US)

**F15B 1/26** (2013.01 - EP US); **Y10T 137/86212** (2015.04 - EP US); **Y10T 137/86228** (2015.04 - EP US); **Y10T 137/86324** (2015.04 - EP US)

## Citation (search report)

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- [A] DE 2715569 A1 19781012 - VOLKSWAGENWERK AG
- [A] DE 3513143 A1 19861016 - HUEBNER FRANZ
- [AP] SOVIET INVENTIONS ILLUSTRATED, Derwent Publications Ltd, Sektion Mechanik, Woche 8736, Zusammenfassung Nr.255554, Q57, 16.Sep.1987 & SU-A-1285219 (DNEPR HEAVY PRESS), 23.Jan.1987
- [A] HYDRAULICS AND PNEUMATICS. no. 7, Juli 1980, CLEVELAND US Seiten 90 - 92; P.C.Hyde: "Reservoir for mobile equipment: a design primer "

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## Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

## DOCDB simple family (publication)

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