

Title (en)

Hydraulic machine

Title (de)

Hydraulische Arbeitsmaschine

Title (fr)

Machine hydraulique

Publication

EP 1253322 A3 20040303 (DE)

Application

EP 02009463 A 20020425

Priority

DE 10120711 A 20010427

Abstract (en)

[origin: EP1253322A2] The hydraulic machine has at least one shaft (8) through a machine casing (5-7) and a shaft sealing ring (14), and a carrier unit (2) bounding on the casing. This unit has a breakthrough (10), so that the shaft can be connected to a corresponding unit. The shaft seal also acts as a centering device. The ring extends into the casing on one side and the breakthrough on the other.

IPC 1-7

F04C 2/10; **F04C 15/00**

IPC 8 full level

F04C 15/00 (2006.01)

CPC (source: EP)

F04C 15/0038 (2013.01); **F04C 15/0061** (2013.01)

Citation (search report)

- [X] DE 2944263 A1 19810527 - BOSCH GMBH ROBERT [DE]
- [X] US 2883213 A 19590421 - KROEKEL ROLF H W, et al
- [A] DE 8006057 U1 19810917
- [A] DE 3035663 A1 19820513 - BOSCH GMBH ROBERT [DE]

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 1253322 A2 20021030; **EP 1253322 A3 20040303**; **EP 1253322 B1 20051005**; DE 10120711 A1 20021031; DE 50204431 D1 20060216

DOCDB simple family (application)

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