

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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