

Title (en)
FLUID MACHINERY

Title (de)
STRÖMUNGSMASCHINE

Title (fr)
MACHINES A FLUIDE

Publication
EP 2514972 A1 20121024 (EN)

Application
EP 11736801 A 20110127

Priority
• JP 2010018425 A 20100129
• JP 2011000459 W 20110127

Abstract (en)
[Summary] [Purpose] To provide a fluid machine improved in lubrication performance and reliability. [Means for Attaining the Purpose] A fluid machine (1), in which a driving unit (4) and a driven unit (6) to which driving force of the driving unit is transmitted through a rotary shaft (14) are housed in a hermetic container (2), includes an oil reservoir (76) located at an inside bottom (2a) of the hermetic container and storing lubricating oil, and an oil feed mechanism (70, 72) configured to rotate together with the rotary shaft to supply the lubricating oil in the oil reservoir to individual sliding parts of the driving and driven units, wherein the hermetic container has a baffle section (90) provided on an inner wall (80d) thereof and configured to disturb a circumferential flow of the lubricating oil along the inner wall.

IPC 8 full level
F04B 39/02 (2006.01); **F04B 39/12** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP KR US)
F04B 39/02 (2013.01 - KR); **F04B 39/023** (2013.01 - EP US); **F04B 39/0253** (2013.01 - EP US); **F04B 39/12** (2013.01 - KR); **F04B 39/121** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/026** (2013.01 - EP US); **F04C 18/0215** (2013.01 - EP US); **F04C 2210/261** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US); **F04C 2240/809** (2013.01 - EP US)

Cited by
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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

DOCDB simple family (publication)
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