

Title (en)
FLUID MACHINE

Title (de)
STRÖMUNGSMASCHINE

Title (fr)
MACHINE HYDRAULIQUE

Publication
EP 2514971 A1 20121024 (EN)

Application
EP 11736800 A 20110127

Priority
• JP 2010016374 A 20100128
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Abstract (en)
[Purpose] To provide a fluid machine improved in lubrication performance and reliability. [Means for Attaining the Purpose] A fluid machine includes a lubrication mechanism (70, 72) configured to utilize a rotary shaft (14) to supply lubricating oil stored in an inside bottom (2a) of a hermetic container (2) to an upper region in the hermetic container, a frame (36) secured to the hermetic container and disposed in contact with an upper surface (16a) of a cylinder block (16) to support a driven unit (6), the frame having an upper surface (38a) onto which the lubricating oil supplied to the upper region in the hermetic container flows down, a connecting rod (20) arranged under the frame and coupling the rotary shaft to a piston (18), a piston pin (66) coupling the connecting rod to the piston, a first oil feed hole (78) formed through the frame and the cylinder block, and a second oil feed hole (80) formed through the frame.

IPC 8 full level
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See references of WO 2011093085A1

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