

Title (en)
A seal housing

Title (de)
Dichtungsgehäuse

Title (fr)
Boîtier d'étanchéité

Publication
EP 1134424 B1 20081015 (DE)

Application
EP 01104978 A 20010301

Priority
DE 10013152 A 20000317

Abstract (en)
[origin: EP1134424A2] The assembly to handle hot fluids, and especially a hot fluid rotary pump (1), has a shaft (3) through a sealing zone (5) with at least one sliding ring seal (6). The fluid taken from the pump (1) cools the sliding ring seal. An insulating section (9) is at or in the wall surface (8) of the sealing zone (5), towards the pump. The thermal conductivity of the insulation (9) is at least 30% less than the housing section (7) which holds the sealing zone (5) at the pump (1).

IPC 8 full level
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CPC (source: EP)
F04D 29/106 (2013.01); **F04D 29/128** (2013.01)

Cited by
GB2511476A; EP1304485A1; CN103291626A; US7775527B2; WO2014087238A3; DE102022001479A1; WO2023208769A1;
DE102021129695A1; WO2023083777A1

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