Title (en)

SCROLL TYPE FLUID MACHINE

Title (de)

FLUIDMASCHINE DER SPIRALBAUART

Title (fr)

MACHINE À FLUIDE DE TYPE À VOLUTE

Publication

EP 3109475 A1 20161228 (EN)

Application

EP 14883157 A 20140221

Priority

JP 2014054101 W 20140221

Abstract (en)

It is an object of the present invention to realize reliability improvement and a long life of a rotation preventing mechanism by preventing heat from being directly transferred from an orbiting scroll to a rotation preventing mechanism. The present invention includes a fixed scroll, an orbiting scroll provided to be opposed to the fixed scroll and moved to orbit, a casing provided on an outer side of the orbiting scroll, a driving shaft for driving the orbiting scroll, a back face plate fastened to the orbiting scroll and connected to the driving shaft by a boss portion, and a rotation preventing mechanism provided between the casing and the boss plate for preventing a rotation of the orbiting scroll, in which the back face plate includes a rotation preventing mechanism side back face plate integrally provided with the rotation preventing mechanism and a driving shaft side back face plate integrally provided with the boss portion, and the rotation preventing mechanism side back face plate is not in contact with the orbiting scroll.

IPC 8 full level

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CPC (source: EP KR)

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