

Title (en)
SCROLL FLUID MACHINE

Title (de)
SPIRALFLUIDMASCHINE

Title (fr)
MACHINE DE DÉFILEMENT DE FLUIDE

Publication
EP 3159544 A1 20170426 (EN)

Application
EP 16194059 A 20161017

Priority
JP 2015206684 A 20151020

Abstract (en)
In a scroll compressor, a bush assembly (37) includes: a bush (41) with a contact end surface (41b) in contact with an end surface (19a) of the rotating shaft (19) when the eccentric pin (25) is inserted therein, being inserted into a boss (35c) at a bottom surface of the orbiting scroll (35); a balance weight (43) with a connected portion (43A) in an outer peripheral portion of the bush (41) near the contact end surface (41b) and a weight (43B) with a cantilevered shape in a portion of an outer periphery of the connected portion (43A) so as to stick out in a direction away from the contact end surface (41b); a stepped portion (47) between the connected portion (43A) and the contact end surface (41b); and at least one joining portion (49) in the stepped portion (47), joining the bush (41) and the connected portion (43A).

IPC 8 full level
F04C 29/00 (2006.01); **F04C 18/02** (2006.01)

CPC (source: EP)
F04C 18/0215 (2013.01); **F04C 29/0021** (2013.01); **F04C 29/0057** (2013.01); **F04C 2240/60** (2013.01); **F04C 2240/807** (2013.01)

Citation (applicant)
JP 2003343454 A 20031203 - DAIKIN IND LTD

Citation (search report)

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- [Y] US 2015198161 A1 20150716 - TOZAWA KOSAKU [JP], et al
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Designated extension state (EPC)
BA ME

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