

Title (en)
Scroll type fluid machinery.

Title (de)
Spiralverdichter.

Title (fr)
Compresseur à spirales.

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EP 0468605 A1 19920129 (EN)

Application
EP 91250153 A 19910611

Priority
• JP 8996990 U 19900828
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Abstract (en)
According to the present invention, there is provided a scroll type fluid machinery in which a stationary scroll (1) and a revolving scroll (2) in which spiral wraps (1b,2b) are set up at end plates (1a,2a), respectively, are engaged with each other, a drive bushing (5) is fitted rotatably into a boss (4) projected at the central part of the outer surface of the end plate (2a) of the revolving scroll (2), and a drive pin (9) projecting from the rotary shaft (8) is fitted slidably into a slide hole (7) bored in the drive bushing (5), characterized in that a counter weight (10) which generates a centrifugal force having an opposite direction to a centrifugal force acting on the revolving scroll at the time of revolving motion in a solar motion thereof is provided on the drive bushing. Further, the contact pressure between the wrap of the revolving scroll and the wrap of the stationary scroll is prevented to become excessive even at the time of high speed rotation of the rotary shaft. <IMAGE>

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F01C 1/02

IPC 8 full level
F01C 1/02 (2006.01); **F01C 21/00** (2006.01)

CPC (source: EP KR)
F01C 1/0215 (2013.01 - EP); **F01C 21/003** (2013.01 - EP); **F04C 18/02** (2013.01 - KR)

Citation (search report)
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• [X] EP 0122066 A1 19841017 - SANDEN CORP [JP]
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• [A] PATENT ABSTRACTS OF JAPAN, vol. 14, no. 42 (M-925)[3985], 25th January 1990; & JP-A-1 273 890 (MATSUSHITA) 01-11-1989
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