

Title (en)
Scroll fluid apparatus

Title (de)
Strömungsmaschine in Spiralbauweise

Title (fr)
Dispositif hydraulique à spirales

Publication
EP 0780576 A3 19981216 (EN)

Application
EP 96120525 A 19961219

Priority
JP 34977395 A 19951221

Abstract (en)
[origin: EP0780576A2] In a scroll fluid apparatus comprising at least one stationary scroll and a revolving scroll 3 used in combination therewith, the scrolls have laps 6 and 26 with the thickness thereof reducing from the scroll body mirror-finished surfaces 3e and 5b toward the tips as T1 > T2 and S1 > S2, elastic tip seals 14 being fitted in tip seal grooves formed in the tips of the laps. The lap 26 is engaged with the lap 6 in a state deviated by a predetermined angle. The revolving scroll 3 is disposed in an inner space of a housing 4 such that it is pushed thereby toward the mirror-finished surface 5b of the stationary scroll. The housing 4 is mounted on the stationary scroll via a spacer 10 such that the gap between the laps facing each other can be adjusted according to the thickness of the spacer. <IMAGE>

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F04C 18/02

IPC 8 full level
F04C 25/02 (2006.01); **F01C 21/10** (2006.01); **F04C 18/02** (2006.01); **F04C 27/00** (2006.01)

CPC (source: EP)
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Citation (search report)

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