

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>

IPC 1-7  
**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)  
**F01C 21/102** (2013.01); **F04C 18/0223** (2013.01); **F04C 18/0246** (2013.01); **F04C 18/0269** (2013.01); **F04C 27/009** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0780576 A2 19970625; EP 0780576 A3 19981216; JP H09177684 A 19970711**

DOCDB simple family (application)  
**EP 96120525 A 19961219; JP 34977395 A 19951221**