

Title (en)  
Scroll fluid machine

Title (de)  
Spiralf fluidmaschine

Title (fr)  
Machine à spirales

Publication  
**EP 2894339 B1 20190116 (EN)**

Application  
**EP 14193066 A 20141113**

Priority  
JP 2013237957 A 20131118

Abstract (en)  
[origin: EP2894339A1] Scroll fluid machine configured by engaging spiral wraps (18B and 19B) of a pair of fixed (18) and orbiting (19) scrolls in which the spiral wraps (18B and 19B) are erected on end plates (18A and 19A), wherein a micro chamfer (32) is provided on a corner portion of a wrap tooth crest (31) of each of the spiral wraps (18B and 19B) of the fixed scroll (18) and the orbiting scroll (19), and the wrap tooth crest (31) is coated with an abradable seal material (36) having machinability.

IPC 8 full level  
**F04C 18/02** (2006.01); **F04C 27/00** (2006.01)

CPC (source: EP)  
**F04C 18/0215** (2013.01); **F04C 18/0284** (2013.01); **F04C 27/005** (2013.01); **F04C 2230/91** (2013.01)

Cited by  
WO2021250400A1; WO2022096859A1; US10968908B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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