

Title (en)
SCROLL FLUID MACHINE

Title (de)
SPIRALFLUIDMASCHINE

Title (fr)
MACHINE À FLUIDE À SPIRALE

Publication
EP 3739213 B1 20230920 (EN)

Application
EP 19756906 A 20190111

Priority
• JP 2018028960 A 20180221
• JP 2019000737 W 20190111

Abstract (en)
[origin: EP3739213A1] The present invention includes a wall inclined section (3b1) that continuously reduces, and a wall flat section (3b2) provided in an innermost circumferential part of a wall (3b), and having no change in height. A tooth tip of a wall inclined connecting section (3b4) that connects the wall inclined section (3b1) and the wall flat section (3b2) has an R-chamfered shape formed by moderating and connecting an inclination from the wall flat section (3b2) to the wall inclined section (3b1).

IPC 8 full level
F04C 18/02 (2006.01); **F01C 1/02** (2006.01)

CPC (source: EP)
F01C 1/02 (2013.01); **F04C 18/02** (2013.01); **F04C 18/0215** (2013.01); **F04C 18/0253** (2013.01); **F04C 18/0276** (2013.01)

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)
EP 3739213 A1 20201118; EP 3739213 A4 20210728; EP 3739213 B1 20230920; EP 3739213 C0 20230920; CN 111742142 A 20201002; CN 111742142 B 20220628; JP 2019143551 A 20190829; JP 6612376 B2 20191127; WO 2019163322 A1 20190829

DOCDB simple family (application)
EP 19756906 A 20190111; CN 201980014003 A 20190111; JP 2018028960 A 20180221; JP 2019000737 W 20190111