

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALE

Publication
EP 3933202 A4 20220420 (EN)

Application
EP 20763153 A 20200109

Priority
• JP 2019035882 A 20190228
• JP 2020000399 W 20200109

Abstract (en)
[origin: EP3933202A1] First and second oil discharge grooves (81, 82) are formed in a facing surface of a fixed scroll (60). Part of first and second oil discharge grooves (81, 82) is open at a position radially outward of a sliding range of a movable scroll (70). The first and second oil discharge grooves (81, 82) and a suction port (64) of a compression chamber (S) communicate with each other through an oil collection path (90).

IPC 8 full level
F04C 18/02 (2006.01); **F04C 23/00** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)
F04C 18/0215 (2013.01); **F04C 18/0261** (2013.01); **F04C 29/02** (2013.01); **F04C 29/028** (2013.01); **F04C 23/008** (2013.01)

Citation (search report)
• [X] JP 2015071950 A 20150416 - DAIKIN IND LTD
• See references of WO 2020174885A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3933202 A1 20220105; **EP 3933202 A4 20220420**; **EP 3933202 B1 20230607**; CN 113330218 A 20210831; CN 113330218 B 20211119; ES 2948933 T3 20230922; JP 2020139460 A 20200903; JP 6773152 B2 20201021; WO 2020174885 A1 20200903

DOCDB simple family (application)
EP 20763153 A 20200109; CN 202080010624 A 20200109; ES 20763153 T 20200109; JP 2019035882 A 20190228; JP 2020000399 W 20200109