

Title (en)

OLDHAM RING AND SCROLL COMPRESSOR

Title (de)

OLDHAM-RING UND SPIRALVERDICHTER

Title (fr)

BAGUE D'OLDHAM ET COMPRESSEUR À SPIRALE

Publication

**EP 3786452 A1 20210303 (EN)**

Application

**EP 19792850 A 20190327**

Priority

- JP 2018084536 A 20180425
- JP 2019013204 W 20190327

Abstract (en)

A first distance (D1) between a pair of linear portions (64, 65) in which first Oldham keys (57, 58) are respectively arranged is configured so as to become shorter than a second distance (D2) between a first connecting portion (67) in which a second Oldham key (61) is arranged and a second connecting portion (68) in which a second Oldham key (62) is arranged, and areas of first pressure-receiving surfaces (57a, 58a) of the first Oldham keys (57, 58) are made larger than areas of second pressure-receiving surfaces (61a, 62a) of the second Oldham keys (61,62).

IPC 8 full level

**F04C 18/02** (2006.01); **F01C 17/06** (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)

**F01C 17/066** (2013.01); **F04C 18/02** (2013.01); **F04C 18/0215** (2013.01); **F04C 23/008** (2013.01); **F04C 29/0057** (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3786452 A1 20210303; EP 3786452 A4 20210303;** AU 2019258375 A1 20201210; AU 2019258375 B2 20220303;  
CN 112292531 A 20210129; CN 112292531 B 20230407; JP 2019190383 A 20191031; JP 7016285 B2 20220204; WO 2019208075 A1 20191031

DOCDB simple family (application)

**EP 19792850 A 20190327;** AU 2019258375 A 20190327; CN 201980040411 A 20190327; JP 2018084536 A 20180425;  
JP 2019013204 W 20190327