

Title (en)
PROPULSION SYSTEM

Title (de)
ANTRIEBSSYSTEM

Title (fr)
SYSTÈME DE PROPULSION

Publication
EP 3198141 A4 20180523 (EN)

Application
EP 15845469 A 20150925

Priority
• US 201414498654 A 20140926
• US 201514666989 A 20150324
• US 2015052293 W 20150925

Abstract (en)
[origin: WO2016049491A1] A device that produces linear motion by sequentially and in a continuous sequence accelerating inertial thrust masses at well-defined times towards the axis of counter-rotating disks. The inertial thrust masses are contained in cavities placed equidistantly about the periphery of counter rotating capture disks mounted on a common axle. They are radially accelerated by a bi-directional impulse ramps that can be moved to any position around the periphery of the counter rotating capture plates and into and out of the paths of the gyrating thrust masses to any desired depth within the mechanical range of the impulse ramps which simultaneously engage and radially accelerate the inertial thrust masses of each counter-rotating capture plate.

IPC 8 full level
F03G 3/00 (2006.01); **F03G 7/10** (2006.01)

CPC (source: EP)
F03G 7/125 (2021.08)

Citation (search report)
• [X] WO 2008027296 A2 20080306 - PLEWS DENNIS J [US]
• [X] US 2006070488 A1 20060406 - TAVAREZ HAROLD A [US]
• [X] US 2008223636 A1 20080918 - GUTSCHE GOTTFRIED J [CA]
• [X] GB 2361277 A 20011017 - CARROLL PETER JOSEPH ANTHONY [GB]
• See references of WO 2016049491A1

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)
WO 2016049491 A1 20160331; AU 2015320408 A1 20170420; AU 2019219720 A1 20190905; BR 112017006283 A2 20171212;
BR 112017006283 B1 20220927; CA 2962596 A1 20160331; CN 107002640 A 20170801; CN 107002640 B 20200410;
EP 3198141 A1 20170802; EP 3198141 A4 20180523; EP 4144988 A1 20230308; JP 2017536522 A 20171207; JP 6591549 B2 20191016;
MX 2017003904 A 20180315

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US 2015052293 W 20150925; AU 2015320408 A 20150925; AU 2019219720 A 20190819; BR 112017006283 A 20150925;
CA 2962596 A 20150925; CN 201580052178 A 20150925; EP 15845469 A 20150925; EP 22199377 A 20150925; JP 2017536223 A 20150925;
MX 2017003904 A 20150925