

Title (en)
VIBRATIONLESS MOINEAU SYSTEM

Title (de)
VIBRATIONSLOSES MOINEAU-SYSTEM

Title (fr)
SYSTÈME MOINEAU SANS VIBRATION

Publication
EP 3538734 A2 20190918 (EN)

Application
EP 17890669 A 20171106

Priority
• US 201615348200 A 20161110
• US 2017060171 W 20171106

Abstract (en)
[origin: US2018128052A1] A method of operating a Moineau system to substantially eliminate vibrations, the method includes rotating a first rotational member, and rotating a second rotational member. Each of the first rotational member and the second rotational member includes a plurality of lobes. A first rotational speed of one of the first rotational member and the second rotational member is selected based on 1) a second rotational speed of the other of the first rotational member and the second rotational member and 2) the number of lobes of one of the first rotational member and the second rotational member to maintain eccentric force of one of the first and second rotational members below a predetermined threshold.

IPC 8 full level
E21B 4/02 (2006.01); **E21B 43/00** (2006.01)

CPC (source: EP US)
E21B 4/02 (2013.01 - EP US); **E21B 4/16** (2013.01 - EP US); **E21B 44/005** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 10385615 B2 20190820; US 2018128052 A1 20180510; CA 3043323 A1 20180712; EP 3538734 A2 20190918; EP 3538734 A4 20200805; WO 2018128701 A2 20180712; WO 2018128701 A3 20180907

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