

Title (en)

MULTI PLANE MIXER AND SEPARATOR (MPMS) SYSTEM

Title (de)

MEHREBENEN-MISCHER- UND SEPARATORSYSTEM

Title (fr)

SYSTÈME DE SÉPARATEUR ET DE MÉLANGEUR À PLANS MULTIPLES (MPMS)

Publication

**EP 2888032 A1 20150701 (EN)**

Application

**EP 13762275 A 20130719**

Priority

- IN 3514CH2012 A 20120827
- IB 2013055938 W 20130719

Abstract (en)

[origin: WO2014033564A1] The present disclosure provides a multi plane mixer and separator (MPMS) system. The system comprises a base frame of predetermined shape configured to form a base for the MPMS system. A motor is mounted to the base frame for rotating the MPMS system. A ball joint mechanism is fixed to the motor using a link and other end of the ball joint mechanism is coupled to a fork. A container holding frame is connected to the fork using bars, wherein said container holding frame is capable of tilting up to 120° with respect to the base frame. And an MPMS container of predetermined shape detachably mounted on the container holding frame for mixing fluids of different density.

IPC 8 full level

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CPC (source: EP KR)

**B01F 31/26** (2022.01 - EP KR); **B01F 35/531** (2022.01 - EP KR); **B01F 35/7548** (2022.01 - EP KR); **C12M 45/02** (2013.01 - KR); **G01N 1/38** (2013.01 - EP KR); **C12M 45/02** (2013.01 - EP)

Citation (search report)

See references of WO 2014033564A1

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