

Title (en)  
ROTARY MECHANISM

Title (de)  
DREHMECHANISMUS

Title (fr)  
MÉCANISME ROTATIF

Publication  
**EP 3670918 A1 20200624 (EN)**

Application  
**EP 18846743 A 20180719**

Priority  
• CN 201710701301 A 20170816  
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Abstract (en)  
A rotary mechanism, comprising a housing (11), a rotary member (110) and a discharge member (130); an oil and gas mixture is contained in the housing (11); the rotary member (110) is provided in the housing (11) and is rotatable about a rotation axis to drive the oil and gas mixture to form a cyclone flow, whereby under a centrifugal force, the oil content in the oil and gas mixture is smaller as it approaches the rotary member (110); and the discharge member (130) is provided on the housing (11) and extends radially inwardly from the housing (11) to a position where the oil content is equal to or less than a preset amount.

IPC 8 full level  
**F04C 29/02** (2006.01)

CPC (source: EP KR)  
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Cited by  
WO2022070527A1

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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

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**EP 18846743 A 20180719**; CN 2018096240 W 20180719; JP 2020508359 A 20180719; JP 2022163887 A 20221012; JP 2023001406 U 20230426; KR 20207006830 A 20180719