

Title (en)  
TURBINE AND FLUID SEPARATOR HAVING SUCH A TURBINE

Title (de)  
TURBINE UND FLÜSSIGKEITSABSCHIEDER MIT EINER DERARTIGEN TURBINE

Title (fr)  
TURBINE ET SÉPARAREUR DE LIQUIDE ÉQUIPÉ D'UNE TELLE TURBINE

Publication  
**EP 3519103 A1 20190807 (DE)**

Application  
**EP 17777030 A 20170928**

Priority  
• DE 202016105409 U 20160928  
• EP 2017074584 W 20170928

Abstract (en)  
[origin: WO2018060306A1] The present invention relates to a turbine having a turbine wheel, as is used for example as a drive for active oil separators, and to a fluid separator having a turbine of said type.

IPC 8 full level  
**B04B 5/00** (2006.01); **B04B 5/12** (2006.01); **B04B 9/06** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP US)  
**B04B 5/005** (2013.01 - EP US); **B04B 5/12** (2013.01 - EP US); **B04B 7/14** (2013.01 - US); **B04B 9/06** (2013.01 - EP US);  
**F01M 13/04** (2013.01 - EP US); **F01M 2013/0422** (2013.01 - EP US)

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)  
**DE 202016105409 U1 20180102**; EP 3519103 A1 20190807; EP 3519103 B1 20231213; EP 3519103 C0 20231213; US 11660610 B2 20230530;  
US 2019224690 A1 20190725; WO 2018060306 A1 20180405

DOCDB simple family (application)  
**DE 202016105409 U 20160928**; EP 17777030 A 20170928; EP 2017074584 W 20170928; US 201716337472 A 20170928