

Title (en)
CENTRIFUGAL ROTOR

Title (de)
ZENTRIFUGALROTOR

Title (fr)
ROUE CENTRIFUGE

Publication
EP 3011185 A1 20160427 (FR)

Application
EP 14737288 A 20140618

Priority
• FR 1355696 A 20130618
• FR 2014051512 W 20140618

Abstract (en)
[origin: CA2915720A1] This centrifugal rotor (2) comprises: - a hub (10) having a longitudinal axis (8), - a fluid inlet (20), - a first flange referred to as upstream flange (12) and having an opening (22) around the hub (10), - a second flange referred to as downstream flange (14) separated from the first flange by blades (16) thus forming ducts each delimited by the first flange (12), the second flange (14) and two blades (16) and extending from the fluid inlet (20) to a peripheral outlet (26), near the peripheral outlet (26) the first flange (12) having a concave zone (32) facing towards the ducts whereas the second flange (14) itself has a convex zone (34) facing towards the ducts.

IPC 8 full level
F04D 29/22 (2006.01); **F04D 29/28** (2006.01)

CPC (source: EP US)
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F04D 29/2272 (2013.01 - EP US); **F04D 29/24** (2013.01 - US); **F04D 29/284** (2013.01 - EP US); **F04D 29/30** (2013.01 - US)

Citation (search report)
See references of WO 2014202903A1

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