

Title (en)
EJECTOR TYPE TURBINE

Title (de)
EJEKTORTURBINE

Title (fr)
TURBINE DE TYPE À ÉJECTEUR

Publication
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Application
EP 14836276 A 20140507

Priority
• RO 201300345 A 20130509
• RO 2014000015 W 20140507

Abstract (en)
[origin: WO2015023200A1] The invention relates to an ejector type turbine, designed to transform kinetic energy of a fluid into mechanical or electrical energy, by capturing and accelerating an engine jet of fluid. The turbine according consists from an fluid intake equipped, where the fluid flow is accelerated and sent as engine jet fluid via a supply pipe to an ejector type device, in which the engine jet fluid expands through a nozzle in a suction chamber and subsequently released with the ejected fluid into the atmosphere through an exhaust device, in the suction chamber is built in an annular turbine consisting from an annular rotor, and an annular stator to direct the flow of ejected fluid in the rotor, the jet of aspirated fluid, called ejected fluid, acts the annular rotor's blades which lead through a pulley mounted on the outer circumference of the rotor, a power generation system.

IPC 8 full level
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Citation (search report)
• [Y] US 2011135460 A1 20110609 - PRESZ JR WALTER M [US], et al
• [Y] US 4516907 A 19850514 - EDWARDS SAMUEL S [US]
• [Y] WO 2009129420 A1 20091022 - FLODESIGN INC [US], et al
• See references of WO 2015023200A1

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

DOCDB simple family (publication)
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