

Title (en)

Fluid rotation drive

Title (de)

Fluidrotationsantrieb

Title (fr)

Entraînement rotatif de fluide

Publication

EP 2441347 B1 20150610 (DE)

Application

EP 11185190 A 20111014

Priority

DE 102010048622 A 20101015

Abstract (en)

[origin: EP2441347A1] The drive has a drive wheel (11) e.g. turbine or impeller, rotatably moved around a drive axis (15) by pressurized fluid (13) supplied in a jet form. A sun wheel (17) of a planetary gear (31) is connected with the drive wheel. Housings (19) of the drive wheel and the gear comprise inlets (21) for the fluid. An annular region (27) for the fluid is defined in the housing of the sun wheel. Another annular region (29) for the fluid is defined in a tooth (23) of the gear. The annular regions are arranged next to each other along axial direction. An independent claim is also included for a cleaning device comprising a working unit.

IPC 8 full level

A46B 13/06 (2006.01)

CPC (source: EP US)

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Cited by

EP2684499A3; SE2330009A1; EP3907013A1

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)

EP 2441347 A1 20120418; EP 2441347 B1 20150610; DE 102010048622 A1 20120419; US 2012090106 A1 20120419;
US 8844086 B2 20140930

DOCDB simple family (application)

EP 11185190 A 20111014; DE 102010048622 A 20101015; US 201113271798 A 20111012