

Title (en)

Oil recovery device

Title (de)

Ölrückgewinnungsvorrichtung

Title (fr)

Dispositif de récupération d'huile

Publication

EP 2090764 B1 20110413 (FR)

Application

EP 09152349 A 20090209

Priority

FR 0850899 A 20080213

Abstract (en)

[origin: EP2090764A1] The device has upstream and downstream bearing supports (19, 23) mounted on an inter-turbine casing (25), and bearings (2, 4) mounted on the bearing supports, respectively. A low-pressure turbine journal (20) is rotated with respect to the inter-turbine casing. A fixed ferrule (48) and an oil passage (44) are provided in the low-pressure turbine journal to discharge the oil inside the fixed ferrule. The ferrule is widened from an end at which the oil is discharged.

IPC 8 full level

F02C 7/06 (2006.01); **F01D 25/18** (2006.01)

CPC (source: EP US)

F01D 25/16 (2013.01 - EP US); **F01D 25/18** (2013.01 - EP US); **F05D 2260/602** (2013.01 - EP US)

Cited by

WO2024003507A1; CN109707515A; FR3053728A1; FR2992679A1; FR2992680A1; CN104379880A; FR3008738A1; RU2665607C2; FR3137407A1; FR2985766A1; FR3007069A1; CN105308271A; RU2657105C2; WO2014199083A1; WO2014001681A1; US9551236B2; US10113480B2; US10294820B2; WO2015007980A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 2090764 A1 20090819; **EP 2090764 B1 20110413**; CA 2652810 A1 20090813; CA 2652810 C 20160119; DE 602009001007 D1 20110526; FR 2927366 A1 20090814; FR 2927366 B1 20130705; RU 2009104918 A 20100820; RU 2480599 C2 20130427; US 2009199534 A1 20090813; US 8312702 B2 20121120

DOCDB simple family (application)

EP 09152349 A 20090209; CA 2652810 A 20090203; DE 602009001007 T 20090209; FR 0850899 A 20080213; RU 2009104918 A 20090212; US 36405309 A 20090202