

Title (en)

Turbomachine exhaust case drain

Title (de)

Dränrohr des Austrittsgehäuses einer Strömungsmaschine

Title (fr)

Drain de carter d'échappement de turbomachine

Publication

**EP 1970541 B1 20100407 (FR)**

Application

**EP 08151545 A 20080218**

Priority

FR 0701905 A 20070316

Abstract (en)

[origin: EP1970541A1] The case (10) has an annular channel (18) pierced with an evacuation orifice (22) in which a drain (36) is mounted to evacuate a liquid e.g. fuel, from the channel. The drain is formed of a tubular cylindrical body (38), and has a wall (40) formed at an end of the body for fixation of the drain by setting in the orifice. The drain is made of a metal alloy having a thermal dilation coefficient that is higher than the thermal dilation coefficient of the case around the orifice.

IPC 8 full level

**F01D 9/06** (2006.01); **F01D 25/30** (2006.01); **F01D 25/32** (2006.01)

CPC (source: EP US)

**F01D 25/30** (2013.01 - EP US); **F01D 25/32** (2013.01 - EP US); **F05D 2250/231** (2013.01 - EP US); **F05D 2260/602** (2013.01 - EP US)

Cited by

US9771831B2; FR3008450A1; FR3037614A1; FR3011035A1; US2015082769A1; US10006307B2; WO2015004059A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1970541 A1 20080917**; **EP 1970541 B1 20100407**; CA 2625314 A1 20080916; CA 2625314 C 20150811; DE 602008000925 D1 20100520; FR 2913725 A1 20080919; FR 2913725 B1 20111028; RU 2008110028 A 20090920; RU 2472004 C2 20130110; US 2008226445 A1 20080918; US 8277176 B2 20121002

DOCDB simple family (application)

**EP 08151545 A 20080218**; CA 2625314 A 20080312; DE 602008000925 T 20080218; FR 0701905 A 20070316; RU 2008110028 A 20080314; US 4850508 A 20080314