

Title (en)

TORQUE TRANSMISSION DEVICE COMPRISING A FLYWHEEL AND MEANS FOR DAMPING THE OSCILLATIONS OF THE FLYWHEEL

Title (de)

DREHMOMENTÜBERTRAGUNGSVORRICHTUNG MIT EINEM SCHWUNGRAD UND MITTELN ZUR DÄMPFUNG DER SCHWINGUNGEN DES SCHWUNGRADS

Title (fr)

DISPOSITIF DE TRANSMISSION DE COUPLE COMPRENANT UN VOLANT MOTEUR ET DES MOYENS D'AMORTISSEMENT DES OSCILLATIONS DU VOLANT MOTEUR

Publication

**EP 1966510 A2 20080910 (FR)**

Application

**EP 06842108 A 20061206**

Priority

- FR 2006051297 W 20061206
- FR 0513354 A 20051227

Abstract (en)

[origin: FR2895471A1] The device has a flywheel (20) comprising a hub (22) adapted to be fixed on a crankshaft, and an annular inertial mass (21) whose diameter is larger than the hub, where the mass is integrated to the hub. The inertial mass has an oscillation damping unit with a flexible plate (30) that connects the hub to the mass and elastically deforms along a direction of an axis of the crankshaft. The flexible plate has a central part (33) supported on the crankshaft, and an external part (312) that is supported against and co-operated by friction with a rear radial face (19) of the inertial mass.

IPC 8 full level

**F16F 15/131** (2006.01)

CPC (source: EP)

**F16F 15/13107** (2013.01); **F16F 15/1315** (2013.01); **F16F 2222/04** (2013.01)

Citation (search report)

See references of WO 2007074253A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2895471 A1 20070629; FR 2895471 B1 20090522**; EP 1966510 A2 20080910; WO 2007074253 A2 20070705; WO 2007074253 A3 20070816

DOCDB simple family (application)

**FR 0513354 A 20051227**; EP 06842108 A 20061206; FR 2006051297 W 20061206