

Title (en)

Startup torque transmitting mechanism of an internal combustion engine

Title (de)

Anfahrdrehmomentenübertragungseinrichtung für eine Brennkraftmaschine

Title (fr)

Mécanisme de transmission du couple de démarrage d'un moteur thermique

Publication

**EP 1748181 B1 20110302 (EN)**

Application

**EP 06015088 A 20060719**

Priority

JP 2005220105 A 20050729

Abstract (en)

[origin: EP1748181A2] A startup torque transmitting mechanism of an internal combustion engine, which, by means of a one-way clutch (12), both transmits torque generated by a starter motor to a crankshaft (4) side in one direction and prevents the transmission of torque in the other direction, includes a race connecting member (8) mounted on the crankshaft (4) side, which rotates in conjunction with the crankshaft (4) and is connected to one race (18) of a one-way clutch (12); and a ring gear (10) which is rotatably mounted to a main body side of the internal combustion engine via a bearing (16), and rotates according to torque received from the starter motor, and is connected to another race (10a) of the one-way clutch (12).

IPC 8 full level

**F02N 15/02** (2006.01)

CPC (source: EP)

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Cited by

EP2886850A1; EP2028365A3; FR2922605A1; DE102008003201B4; EP2824349A1; EP2886849A1; US2014338498A1; US9464614B2; US8464680B2; US8973547B2; US8479599B2; WO2009053276A1; WO2007141652A3; WO2010130058A1; WO2013079047A1; WO2012079558A2; DE102011086767A1

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