

Title (en)

GEAR FITTING AND DISENGAGING DEVICE, AND ENGINE STARTER

Title (de)

VORRICHTUNG ZUM EIN- UND AUSBAU EINES GETRIEBES UND MOTORSTARTER

Title (fr)

DISPOSITIF D'ENGAGEMENT ET DE DÉSACCOUPLEMENT D'UN ENGRENAGE ET DÉMARREUR DE MOTEUR

Publication

**EP 2615332 B1 20180509 (EN)**

Application

**EP 11834391 A 20111019**

Priority

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- JP 2011074052 W 20111019

Abstract (en)

[origin: EP2615332A1] When engaging a driving gear (14) with a driven gear (16) for the purpose of starting an engine (30), a pressing force is applied to the driving gear (14) towards one side in the axial direction from a cam plate (32) which is prevented from rotating, thereby moving the driving gear (14) towards the one side in the axial direction. After the engine (30) starts, a drive source (10) is stopped while the driven gear (16) rotates. However, at that time, the driving gear (14) and a guide gear (18) are not engaged with the driven gear (16), and therefore stop rotating. As a consequence, mechanical losses such as dragging losses caused by sliding do not occur between the driving gear (14) and the cam plate (32) and between the driving gear (14) and the guide gear (18).

IPC 8 full level

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