

Title (en)  
DUAL SOURCE STARTER SYSTEM FOR AN ENGINE

Title (de)  
STARTERSYSTEM MIT ZWEI QUELLEN FÜR EINEN MOTOR

Title (fr)  
SOURCE DE DÉMARREUR DOUBLE SOURCE POUR UN MOTEUR

Publication  
**EP 3147494 A1 20170329 (EN)**

Application  
**EP 15186243 A 20150922**

Priority  
EP 15186243 A 20150922

Abstract (en)  
A gasoline grass trimmer includes an internal combustion engine (ICE) (15), a starter system (1) configured to start the engine (15). The present invention relates to an engine starter system (1) that can transmit external rotating force or using internal Pulling Wheel System (4, 8) generated rotational force through the 'Dual Force Clutch' (7), 'Buffering Spring' (9) and drive the 'Driving Plate' (2) to start the (ICE) (15). The present invention states that external rotational force from electrical power driven device (5.1 and 5.2), such as power tool, can be applied through the 'External Rotating Force Connector' (5) to start up the ICE. Or if such electrical power driven device electrical rotating device is not available, the ICE can also be started by the built-in Pulling Wheel System (4, 8) of this Dual Source Starter System.

IPC 8 full level  
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**F02N 3/02** (2013.01); **F02N 11/12** (2013.01); **F02N 15/022** (2013.01); **F02N 5/02** (2013.01); **F02N 15/027** (2013.01); **F02N 2300/2002** (2013.01)

Citation (search report)

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