

Title (en)
Working machine with a combustion engine

Title (de)
Arbeitsgerät mit einem Verbrennungsmotor

Title (fr)
Appareil de travail doté d'un moteur à combustion interne

Publication
EP 2813702 A3 20141224 (DE)

Application
EP 14002010 A 20140611

Priority
DE 102013009891 A 20130613

Abstract (en)
[origin: US2014366828A1] A work implement has an internal combustion engine that drives a tool of the work implement via a clutch. The clutch has at least one driving element which is operatively connected to the internal combustion engine and at least one output element which is operatively connected to the tool. The internal combustion engine has a starting device with a starting position and an operating position. To avoid unintentional rotation of the output element when starting the internal combustion engine, the work implement has a blocking device with a detent pawl. In an actuated position, the detent pawl projects into the movement path of the output element, limiting the rotation of the output element. In an unactuated position, the detent pawl releases the output element. The starting device has an actuating device which, in the starting position, keeps the detent pawl in the actuated position.

IPC 8 full level
F02N 15/10 (2006.01); **B27B 17/08** (2006.01); **F02N 3/02** (2006.01)

CPC (source: EP RU US)
B27B 17/00 (2013.01 - RU); **B27B 17/083** (2013.01 - EP US); **F02B 63/02** (2013.01 - EP US); **F02M 1/02** (2013.01 - EP US); **F02N 15/003** (2013.01 - US); **F02N 15/026** (2013.01 - US); **F02N 15/027** (2013.01 - US); **F02N 15/10** (2013.01 - EP US); **F02M 1/08** (2013.01 - EP US); **F02N 3/02** (2013.01 - EP US)

Citation (search report)
• [XII] US 3664390 A 19720523 - MATTASON LEIF ERLING M, et al
• [A] EP 0235670 A2 19870909 - METABOWERKE KG
• [AP] DE 102012015814 A1 20140515 - MOGATEC MODERNE GARTENTECHNIK [DE]
• [A] FR 2570017 A2 19860314 - STEMPNIAKOWSKI TONY [FR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2813702 A2 20141217; **EP 2813702 A3 20141224**; **EP 2813702 B1 20191016**; CN 104227791 A 20141224; CN 104227791 B 20180918; DE 102013009891 A1 20141218; RU 2014123165 A 20151220; RU 2655823 C2 20180529; US 2014366828 A1 20141218; US 9353721 B2 20160531

DOCDB simple family (application)
EP 14002010 A 20140611; CN 201410261654 A 20140613; DE 102013009891 A 20130613; RU 2014123165 A 20140609; US 201414303972 A 20140613