

Title (en)

Starting safety circuit in a work device with an internal combustion engine

Title (de)

Startsicherheitsschaltung in einem Arbeitsgerät mit einem Verbrennungsmotor

Title (fr)

Circuit de sécurité de démarrage dans un appareil de travail doté d'un moteur à combustion interne

Publication

EP 2679801 B1 20191030 (DE)

Application

EP 13002890 A 20130605

Priority

DE 102012012827 A 20120628

Abstract (en)

[origin: EP2679801A2] The circuit (40) has an operation sensor assigned to a safety brake device for emitting a first status signal as to an operating state of the brake device. A start position sensor (43) is arranged on an operating mode selector (31) for emitting a second status signal. A circuit combines the first and second status signals so as to cause a control unit to disable the operation of an engine i.e. internal combustion engine when the operating mode selector is in a start position (III) and the safety braking device is in an operationally ready state (B) with a brake unit released.

IPC 8 full level

F02P 11/02 (2006.01); **F02D 17/04** (2006.01); **F02M 1/02** (2006.01)

CPC (source: EP RU US)

F02D 29/00 (2013.01 - US); **F02M 1/02** (2013.01 - EP US); **F02N 11/0803** (2013.01 - EP US); **F02N 11/101** (2013.01 - EP US); **F02P 11/025** (2013.01 - EP US); **F02D 17/04** (2013.01 - EP US); **F02D 29/00** (2013.01 - RU); **F02D 2400/06** (2013.01 - EP US); **F02M 1/02** (2013.01 - RU); **F02N 2300/2011** (2013.01 - EP US); **F02P 11/025** (2013.01 - RU)

Cited by

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DOCDB simple family (publication)

EP 2679801 A2 20140101; **EP 2679801 A3 20170111**; **EP 2679801 B1 20191030**; CN 103527379 A 20140122; CN 103527379 B 20170606; DE 102012012827 A1 20140102; RU 2013127657 A 20141227; RU 2629106 C2 20170824; US 2014005001 A1 20140102; US 9005083 B2 20150414

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