

Title (en)

STARTING DEVICE WITH DRIVE SHAFT LOCK.

Title (de)

ANDREHVORRICHTUNG MIT ABTRIEBSWELLENVERRIEGELUNG.

Title (fr)

DISPOSITIF DE DEMARRAGE AVEC UN BLOCAGE DE L'ARBRE MENANT.

Publication

**EP 0518895 B1 19940727**

Application

**EP 91904528 A 19910222**

Priority

- DE 4006796 A 19900303
- DE 9100142 W 19910222

Abstract (en)

[origin: WO9114096A1] The invention relates to a starting device with a starting relay the armature of which, by means of a starting lever, axially displaces a pinion gear for driving a ring gear of an internal combustion engine, said pinion gear having a free-wheeling device and co-operating with a starter rotor. The starting device also has a locking device which prevents the pinion from being pushed forward if the starting relay is not energized. To obtain a simple construction, the locking device (77) engages on the armature (62) of the starting (4) to maintain the pinion (8) in its rest position.

IPC 1-7

**F02N 15/06**

IPC 8 full level

**F02N 15/06** (2006.01)

CPC (source: EP US)

**F02N 15/067** (2013.01 - EP US); **F02N 15/023** (2013.01 - EP US); **Y10T 74/132** (2015.01 - EP US)

Cited by

DE19963626A1; DE19963626C2; WO0225105A2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 4006796 A1 19910912**; DE 59102367 D1 19940901; EP 0518895 A1 19921223; EP 0518895 B1 19940727; ES 2057871 T3 19941016; HU 208726 B 19931228; HU 9202825 D0 19921228; HU T61613 A 19930128; JP H05504811 A 19930722; RU 2048654 C1 19951120; US 5245881 A 19930921; WO 9114096 A1 19910919

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