

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)

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Cited by

DE19963626A1; DE19963626C2; WO0225105A2

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DE ES FR GB IT

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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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