

Title (en)
Inertia gear drive starter

Title (de)
Brems-Schraubtrieb-Starter

Title (fr)
Démarreur à pignon baladeur

Publication
EP 1236890 A3 20040317 (DE)

Application
EP 01129817 A 20011214

Priority
DE 10110074 A 20010302

Abstract (en)
[origin: EP1236890A2] Starter motor (2), for an internal combustion motor, has a drive shaft (3) with a coupled gearing (5) and preferably a planetary gear with a freewheel (11) and a coupled drive take-off shaft (12). A single-track gearing (17) to operate the starter pinion (16) is coupled to the take-off shaft, with a coarse screw thread (15), toothed brake disk (18) and brake lock (19). The brake lock is a bi stable brake rocker, automatically positioned between two end settings which give a locking and a release action, held in the end positions by a bi stable snap spring.

IPC 1-7
F02N 15/06; **F02N 15/04**

IPC 8 full level
F02N 15/04 (2006.01); **F02N 15/06** (2006.01)

CPC (source: EP)
F02N 15/046 (2013.01); **F02N 15/063** (2013.01); **F02N 15/066** (2013.01)

Citation (search report)

- [X] FR 774405 A 19341206 - DUCELLIER
- [XA] EP 1024283 A2 20000802 - DUCATI ENERGIA SPA [IT]
- [A] FR 2478240 A1 19810918 - PARIS & DU RHONE [FR]
- [DA] DE 2439981 A1 19760304 - BOSCH GMBH ROBERT

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1236890 A2 20020904; **EP 1236890 A3 20040317**; DE 10110074 A1 20020905

DOCDB simple family (application)
EP 01129817 A 20011214; DE 10110074 A 20010302