

Title (en)

Starter for automotive vehicle with gear reductor comprising an impact limiting device

Title (de)

Anlasser für Kraftfahrzeug mit Untersetzungsgetriebe und Stossbegrenzervorrichtung

Title (fr)

Démarreur de véhicule automobile à réducteur à engrenages comportant un dispositif limiteur d'à-coups

Publication

EP 0921307 B1 20030205 (FR)

Application

EP 98402013 A 19980806

Priority

FR 9710310 A 19970811

Abstract (en)

[origin: FR2767157A1] The maximum coupling transferred is limited using the cylindrical skirt (46) with toothed inner section where the toothed crown (44) has a deformable zone responding to high torsion by immobilising (74) the crown rotation.

IPC 1-7

F02N 15/04

IPC 8 full level

F02N 15/04 (2006.01)

CPC (source: EP)

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Cited by

DE10214278A1; DE102014200727B4; FR2910074A1; DE102014200727A1; WO2008071896A3

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

FR 2767157 A1 19990212; FR 2767157 B1 19990910; DE 69811191 D1 20030313; DE 69811191 T2 20030911; EP 0921307 A1 19990609; EP 0921307 B1 20030205; ES 2192753 T3 20031016

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