

Title (en)
STARTING SYSTEM

Title (de)
STARTSYSTEM

Title (fr)
SYSTEME DE DEMARRAGE

Publication
EP 1481163 A1 20041201 (FR)

Application
EP 03727565 A 20030304

Priority
• FR 0300689 W 20030304
• FR 0202715 A 20020304

Abstract (en)
[origin: WO03074866A1] The invention relates to a system comprising a starter consisting of a contactor (2) and an electric motor (1). The aforementioned starter is connected to a battery (3) by means of a single power cable (4) which is connected to a supply terminal (8) of the starter, said supply terminal being permanently connected to a control terminal (11) of the contactor (2). Interruption means (14), which are disposed between the starter supply terminal (8) and the battery, are controlled (15, 16) in such a way as to connect the battery (3) and the starter supply terminal (8) temporarily for a start-up period. In this way, power is only supplied to the starter and the power cable (4) during said start-up periods.

IPC 1-7
F02N 11/08

IPC 8 full level
F02N 11/08 (2006.01); **F02N 11/10** (2006.01)

CPC (source: EP KR)
F02N 11/08 (2013.01 - KR); **F02N 11/0862** (2013.01 - EP); **F02N 11/087** (2013.01 - EP); **F02N 11/10** (2013.01 - EP); **H01H 83/00** (2013.01 - KR); **F02N 11/0814** (2013.01 - EP)

Citation (search report)
See references of WO 03074866A1

Cited by
US9581123B2; WO2015007406A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03074866 A1 20030912; AT E404790 T1 20080815; BR 0303351 A 20040330; DE 60322843 D1 20080925; EP 1481163 A1 20041201; EP 1481163 B1 20080813; FR 2836702 A1 20030905; FR 2836702 B1 20060127; KR 20040096639 A 20041116

DOCDB simple family (application)
FR 0300689 W 20030304; AT 03727565 T 20030304; BR 0303351 A 20030304; DE 60322843 T 20030304; EP 03727565 A 20030304; FR 0202715 A 20020304; KR 20047013581 A 20030304