

Title (en)

STARTER UNIT AND METHOD FOR MATCHING STARTER UNITS IN DRIVE SYSTEMS TO DIFFERENT LIMITING CONDITIONS, IN PARTICULAR DIFFERENT DRIVE ENGINES

Title (de)

ANFAHREINHEIT UND VERFAHREN ZUR ANPASSUNG VON ANFAHREINHEITEN AN ANTRIEBSSYSTEME MIT UNTERSCHIEDLICHEN RANDBEDINGUNGEN, INSBESONDERE UNTERSCHIEDLICHE ANTRIEBSMASCHINEN

Title (fr)

ENSEMBLE DE DEMARRAGE ET PROCEDE PERMETTANT D'ADAPTER DES ENSEMBLES DE DEMARRAGE A DES SYSTEMES D'ENTRAINEMENT DANS DES CONDITIONS MARGINALES DIFFERENTES, NOTAMMENT DES MACHINES D'ENTRAINEMENT DIFFERENTES

Publication

EP 1313967 A1 20030528 (DE)

Application

EP 01967177 A 20010714

Priority

- EP 01967177 A 20010714
- DE 10043146 A 20000831
- DE 10110077 A 20010302
- EP 0108149 W 20010714
- EP 01106408 A 20010321

Abstract (en)

[origin: WO0218817A1] The invention relates to a starter unit (1) comprising an input (E) which may be coupled to a drive input, an output (A) which may be coupled to a drive output, a starter element (2) in the form of a hydrodynamic coupling (3), a switchable clutch (7), comprising at least two clutch elements, which may be brought into frictional engagement, either directly or indirectly, by means of further transfer agents, being a first clutch element (10) and a second clutch element (11) each rotationally fixed to the input (E) and the output (A) respectively. The hydrodynamic coupling (3) and the switchable clutch (7) are arranged in a parallel fashion in two power branches (8,9) and may be activated individually or in common.

IPC 1-7

F16H 45/02; **F16H 61/14**; **F16D 33/16**

IPC 8 full level

F16D 33/06 (2006.01); **F16D 33/16** (2006.01); **F16D 33/18** (2006.01); **F16H 41/24** (2006.01); **F16H 45/02** (2006.01); **F16H 61/14** (2006.01)

CPC (source: EP US)

F16D 33/06 (2013.01 - EP US); **F16D 33/16** (2013.01 - EP US); **F16D 33/18** (2013.01 - EP US); **F16H 61/14** (2013.01 - EP US); **F16H 2045/0215** (2013.01 - EP US); **F16H 2312/02** (2013.01 - EP US)

Citation (search report)

See references of WO 0218817A1

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)

WO 0218817 A1 20020307; EP 1313967 A1 20030528; JP 2004507690 A 20040311; US 2003168298 A1 20030911; US 6899209 B2 20050531

DOCDB simple family (application)

EP 0108149 W 20010714; EP 01967177 A 20010714; JP 2002523505 A 20010714; US 36350403 A 20030411