

Title (en)

AN ELECTRIC GENERATOR-MOTOR SYSTEM, PARTICULARLY FOR USE AS A GENERATOR AND STARTER MOTOR IN A MOTOR VEHICLE

Publication

EP 0406182 B1 19920923 (EN)

Application

EP 90830291 A 19900626

Priority

IT 6754389 A 19890630

Abstract (en)

[origin: EP0406182A1] The system includes: - a rechargeable direct-current voltage supply (13), - a rotary electrical machine (1,2) with a polyphase armature (X,Y,Z), - a controlled polyphase bridge circuit (3-6) adapted to act as a rectifier (4) when the electrical machine (1,2) is operating as a generator and as an inverter (5,6) when the electrical machine (1,2) is operating as a motor, and - voltage-reducing devices (11,12,15,19,20) for reducing the voltage between the bridge circuit (3-6) and the supply (13) when the electrical machine (1,2) is operating as a generator.

IPC 1-7

F02N 11/04

IPC 8 full level

F02N 11/04 (2006.01)

CPC (source: EP)

F02N 11/04 (2013.01)

Cited by

US6418899B1; EP2719888A1; DE19928106C1; FR2843842A1; EP0767530A3; CN110259617A; FR2843841A1; ES2234436A1; DE10029714A1; EP1039625A3; EP1046811A1; DE19918513C1; US7102304B2; WO2004018868A3; DE102008011479A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0406182 A1 19910102; EP 0406182 B1 19920923; DE 69000330 D1 19921029; DE 69000330 T2 19930211; DE 69000330 T4 19931118; ES 2034849 T3 19930401; IT 1232538 B 19920219; IT 8967543 A0 19890630

DOCDB simple family (application)

EP 90830291 A 19900626; DE 69000330 A 19900626; DE 69000330 T 19900626; ES 90830291 T 19900626; IT 6754389 A 19890630