

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)

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Cited by

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

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