

Title (en)

ELECTRIC DRIVE UNIT FOR UNITS OF A MOTOR VEHICLE

Title (de)

ELEKTRISCHE ANTRIEBSEINHEIT FÜR FAHRZEUGAGGREGATE

Title (fr)

UNITE D'ENTRAINEMENT ELECTRIQUE POUR GROUPES DE VEHICULE

Publication

**EP 1060557 A1 20001220 (DE)**

Application

**EP 99957930 A 19991021**

Priority

- DE 9903370 W 19991021
- DE 19858232 A 19981217

Abstract (en)

[origin: DE19858232C1] The unit includes an electric motor with a power switch controlled by a control unit based on input signals. The power switch is a semiconductor power switch, e.g. an n-channel MOSFET, and is combined with the control unit in an integrated circuit (11). The integrated circuit is arranged on a lead frame (19) and mechanically and electrically connected to it. The lead frame and integrated circuit are arranged in a gear case (20).

IPC 1-7

**H02K 11/00**; H02K 7/116; H02K 11/02

IPC 8 full level

**B60S 1/58** (2006.01); **B60J 7/057** (2006.01); **H02K 5/22** (2006.01); **H02K 11/38** (2016.01); **H02P 1/22** (2006.01); **H02P 3/08** (2006.01); **H05K 7/06** (2006.01); **H02K 7/116** (2006.01); **H05K 1/18** (2006.01); **H05K 3/20** (2006.01)

CPC (source: EP KR)

**B60J 7/0573** (2013.01 - EP); **H02K 5/225** (2013.01 - EP); **H02K 11/00** (2013.01 - KR); **H02K 11/38** (2016.01 - EP); **H02K 7/1166** (2013.01 - EP); **H02K 2211/03** (2013.01 - EP); **H05K 1/18** (2013.01 - EP); **H05K 3/202** (2013.01 - EP)

Citation (search report)

See references of WO 0036731A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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