

Title (en)

TRACTION MOTOR AND DRIVE SYSTEM

Title (de)

TRAKTIONSMOTOR UND STEUERUNGSSYSTEM

Title (fr)

MOTEUR DE TRACTION ET SYSTEME D'ENTRAINEMENT

Publication

**EP 1034606 A1 20000913 (EN)**

Application

**EP 98965202 A 19981130**

Priority

- EP 9807727 W 19981130
- GB 9725337 A 19971128

Abstract (en)

[origin: GB2331861A] A three-phase traction motor, or a transformer or rotating convertor in a drive system for a traction motor, comprises a winding including insulation consisting of at least two semiconducting layers 32,34, each providing a substantially equipotential surface, and solid insulation 33 between the semiconducting layers.

IPC 1-7

**H02K 3/40; B60L 9/28; H01F 27/32; H01F 27/28**

IPC 8 full level

**B60L 9/28 (2006.01); H01F 27/28 (2006.01); H01F 27/32 (2006.01); H02K 3/40 (2006.01); H02K 47/20 (2006.01)**

CPC (source: EP KR)

**B60L 9/28 (2013.01 - EP); H01F 27/28 (2013.01 - EP); H01F 27/32 (2013.01 - EP); H02K 3/32 (2013.01 - KR); H02K 3/40 (2013.01 - EP); B60L 2200/26 (2013.01 - EP); B60L 2210/20 (2013.01 - EP); H02K 2203/15 (2013.01 - EP); Y02T 10/72 (2013.01 - EP)**

Citation (search report)

See references of WO 9929019A1

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)

**GB 2331861 A 19990602; GB 2331861 A9; GB 9725337 D0 19980128; AU 2051099 A 19990616; CA 2310836 A1 19990610; CN 1279837 A 20010110; EA 002726 B1 20020829; EA 200000585 A1 20001225; EP 1034606 A1 20000913; JP 2001525656 A 20011211; KR 20010032578 A 20010425; NO 20002729 D0 20000526; NO 20002729 L 20000526; PL 340634 A1 20010212; TR 200001501 T2 20001121; TW 420897 B 20010201; WO 9929019 A1 19990610; ZA 9810947 B 19990531**

DOCDB simple family (application)

**GB 9725337 A 19971128; AU 2051099 A 19981130; CA 2310836 A 19981130; CN 98811496 A 19981130; EA 200000585 A 19981130; EP 9807727 W 19981130; EP 98965202 A 19981130; JP 2000523743 A 19981130; KR 20007005824 A 20000527; NO 20002729 A 20000526; PL 34063498 A 19981130; TR 200001501 T 19981130; TW 88100633 A 19990114; ZA 9810947 A 19981130**