

Title (en)
ELECTRIC MOTOR-WHEEL WITH A PERIPHERAL STRIP

Title (de)
ELEKTRISCHES ANTRIEBSRAD MIT AUSSEREM BAND

Title (fr)
MOTEUR-ROUE ELECTRIQUE MUNI D'UNE BANDE PERIPHERIQUE

Publication
EP 0699140 A1 19960306 (FR)

Application
EP 93924472 A 19931104

Priority
• CA 9300476 W 19931104
• US 7750893 A 19930617

Abstract (en)
[origin: WO9500352A1] An electric motor-wheel including a hollow shaft (2) with a first opening at a first end thereof and a second opening at a second end thereof, said first opening receiving leads (4) from outside the motor-wheel; a stator (6) coaxial with and fastened to the shaft (2), said stator being provided with a hollow portion (11) and coils (8); and a rotor (10) coaxial with and rotatably mounted about the stator (6); said rotor having a housing with a cylindrical wall (17) comprising an inner surface with a magnetic assembly (26) arranged around the stator and separated therefrom by an air gap. The electric motor-wheel further includes a cylindrical elastomeric waterproof strip (30) with a smooth outer surface mounted around the housing to prevent dirt and foreign matter from getting between the housing and a wheel rim (28) mounted around the outer surface thereof.

IPC 1-7
B60K 7/00

IPC 8 full level
B60K 1/00 (2006.01); **B60K 7/00** (2006.01); **B60K 8/00** (2006.01); **B60L 11/18** (2006.01)

CPC (source: EP KR US)
B60K 7/00 (2013.01 - KR); **B60K 7/0007** (2013.01 - EP US); **B60K 2007/0038** (2013.01 - EP US); **B60K 2007/0092** (2013.01 - EP US); **B60L 2210/20** (2013.01 - EP US); **B60L 2220/44** (2013.01 - EP US); **Y02T 10/70** (2013.01 - US); **Y02T 10/72** (2013.01 - EP US)

Citation (search report)
See references of WO 9500352A1

Cited by
WO2013180663A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9500352 A1 19950105; AU 5414994 A 19950117; BR 9307881 A 19960618; CA 2163355 A1 19950105; EP 0699140 A1 19960306; FI 955974 A0 19951213; FI 955974 A 19951227; HU 9503483 D0 19960129; JP H08511490 A 19961203; KR 960702802 A 19960523; NO 954983 D0 19951207; NO 954983 L 19960216; PL 320608 A1 19971013; US 5412269 A 19950502

DOCDB simple family (application)
CA 9300476 W 19931104; AU 5414994 A 19931104; BR 9307881 A 19931104; CA 2163355 A 19931104; EP 93924472 A 19931104; FI 955974 A 19951213; HU 9503483 A 19931104; JP 50226395 A 19931104; KR 19950705541 A 19951207; NO 954983 A 19951207; PL 32060893 A 19931104; US 7750893 A 19930617