

Title (en)
Stator antenna ring

Title (de)
Statorantennenring

Title (fr)
Anneau d'antenne de stator

Publication
EP 2113930 A3 20130626 (DE)

Application
EP 09005984 A 20090430

Priority
DE 102008021775 A 20080430

Abstract (en)
[origin: EP2113930A2] The ring (1) has a carrier ring (5) with a groove (9) i.e. dovetail groove, and an induction coil (3) arranged in the groove. The induction coil is fixed at a device component i.e. connector housing (2). The carrier ring has a horizontal upper section (6) and a lower section (7), where are encompassed at 180 degrees. The sections are made of isolating plastic material, in which a wire winding (10) is fixed. A coil wire is made of wire winding sections radially demountable with the upper and lower sections. The wire winding sections consist of round or flat copper wire.

IPC 8 full level
H01F 38/18 (2006.01)

CPC (source: EP)
H01F 38/18 (2013.01)

Citation (search report)

- [XII] DE 102004028595 A1 20051229 - DAIMLER CHRYSLER AG [DE]
- [XA] US 4939400 A 19900703 - MATSUSHITA AKIRA [JP], et al

Cited by
JP2022024227A; EP4266485A1; WO2023202874A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2113930 A2 20091104; EP 2113930 A3 20130626; EP 2113930 B1 20190327; DE 102008021775 A1 20091105;
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