

Title (en)

Spoiler in thermoplastic material that integrates electrical and electronic devices for automobiles

Title (de)

Spoiler aus thermoplastischem Material, in dem die elektrischen und elektronischen Vorrichtungen für Automobile integriert sind

Title (fr)

Défecteur en matériau thermoplastique qui intègre des dispositifs électriques et électroniques pour automobiles

Publication

**EP 1843429 A1 20071010 (EN)**

Application

**EP 07006227 A 20070327**

Priority

IT TV20060055 A 20060403

Abstract (en)

Accessory or component for vehicles, in this specific case, a back or front spoiler on the interior of which are housed the electronic and electrical devices necessary for the functioning of the relative communication apparatuses provided on board the vehicle and suitable for communicating with the exterior, and in particular wherein said receiver devices are provided with relative wirings gathered in correspondence with a specific area provided with at least one relative projecting pin, said pin being suitable for introduction into a corresponding socket provided in logical correspondence on the corresponding part of the vehicle where the housing and fixing of said spoiler is provided.

IPC 8 full level

**H01Q 1/32** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP)

**H01Q 1/3275** (2013.01); **H01Q 1/3283** (2013.01); **H01Q 21/28** (2013.01)

Citation (applicant)

- EP 0361104 A2 19900404 - PICHLER KUNSTSTOFFTECHNIK GMBH [DE]
- US 4760402 A 19880726 - MIZUNO HIROSHI [JP], et al
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- EP 1612886 A1 20060104 - VOLKSWAGEN AG [DE]
- DE 10133295 A1 20030123 - FUBA AUTOMOTIVE GMBH [DE]
- WO 2004097984 A1 20041111 - HUBER+SUHNER AG [CH], et al
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Citation (search report)

- [Y] EP 1612886 A1 20060104 - VOLKSWAGEN AG [DE]
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- [Y] WO 2004097984 A1 20041111 - HUBER+SUHNER AG [CH], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1843429 A1 20071010**; IT TV20060055 A1 20071004

DOCDB simple family (application)

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