

Title (en)

Connector for a linear lambda sensor having a secondary locking with checking function

Title (de)

Kupplungsstecker für eine planare Breitband-Lambda-Sonde mit einer Sekundärverriegelung als Kontrollfunktionselement

Title (fr)

Connecteur pour une sonde lambda linéaire avec un verrouillage secondaire ayant une fonction de control

Publication

**EP 1251594 A3 20031217 (DE)**

Application

**EP 02008075 A 20020411**

Priority

DE 20106753 U 20010419

Abstract (en)

[origin: EP1251594A2] Coupler plug comprises a housing (2), a base body (3), a covering element (4), electrical components fixed into the housing, and an alignment element for a broad band lambda probe. At least one of the free ends of a support element (11) has control elements (20) facing away from the longitudinal extension of the support element. Preferred Features: The support element has a nose-like protrusion which interacts with a recess (22). The recess is formed in a holder (21) connected to the housing.

IPC 1-7

**H01R 13/506**; **H01R 13/426**

IPC 8 full level

**H01R 13/426** (2006.01); **H01R 13/506** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP)

**H01R 13/426** (2013.01); **H01R 13/506** (2013.01); **F02D 41/1456** (2013.01); **H01R 13/6683** (2013.01)

Citation (search report)

- [E] WO 0245212 A1 20020606 - BOSCH GMBH ROBERT [DE], et al
- [A] US 6132256 A 20001017 - MORSDORF TABITHA [DE], et al
- [A] EP 0726617 A2 19960814 - WHITAKER CORP [US]
- [A] US 5947775 A 19990907 - YAMAMOTO MASAYA [JP], et al

Cited by

CN113690700A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 20106753 U1 20020829**; DE 50202682 D1 20050512; EP 1251594 A2 20021023; EP 1251594 A3 20031217; EP 1251594 B1 20050406

DOCDB simple family (application)

**DE 20106753 U 20010419**; DE 50202682 T 20020411; EP 02008075 A 20020411