

Title (en)

Electrical connection to a sensor in a tool or a machine

Title (de)

Halterung zur lösbaren elektrischen Verbindung zweier Leitungen an einem Werkzeug oder einer Werkzeugmaschine

Title (fr)

Connexion électrique à un capteur dans un outil ou une machine-outil

Publication

EP 2244335 B1 20161026 (DE)

Application

EP 10160107 A 20100416

Priority

- DE 202009006093 U 20090424
- DE 202009016333 U 20091201

Abstract (en)

[origin: EP2244335A1] The unit (1) comprises housing (3), a contact surface (2), an insulating elastomer and an electrically conductive elastomer. Different sensors are integrated inside the machine units. The signals of the sensors are transmitted over the electrical plug contacts by an evaluation unit or a controller. Independent claims are included for the following: (1) a positioning process of an electrically conductive elastomer; (2) an embedding process of an electrically conductive elastomer in an insulating elastomer or in an insulating fixed material; and (3) an inserting process of an unit independent of number, form, size, position and arrangement of the poles.

IPC 8 full level

H01R 13/24 (2006.01); **H01R 13/621** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP)

H01R 13/2414 (2013.01); **H01R 13/621** (2013.01); **H01R 13/629** (2013.01)

Citation (examination)

- US 2009023320 A1 20090122 - DE CAROLIS ENRICO [US], et al
- US 2002004343 A1 20020110 - MORIKAWA FUMIO [JP]
- EP 1251595 A1 20021023 - MURR ELEKTRONIK GES MIT BESCHR [DE]
- US 2005096554 A1 20050505 - DUDIK EVAN M [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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