

Title (en)

Hollow profile for an electrical safety edge switch and method for detecting obstacles with such an electrical safety edge switch

Title (de)

Hohlprofil für eine elektrische Schaltleiste und Verfahren zum Erfassen von Hindernissen mit einer elektrischen Schaltleiste

Title (fr)

Profilé creux pour un interrupteur de bordure et procédé de détection d'obstacles avec un tel interrupteur de bordure.

Publication

**EP 2532820 B1 20171101 (DE)**

Application

**EP 12166651 A 20120503**

Priority

DE 102011077014 A 20110606

Abstract (en)

[origin: EP2532820A2] The section (28) has two conductors (32, 34) coming into contact with each other in a compression state of the section and spaced apart from each other by an obstacle to be detected in an uncompressed state of the section. The conductors are arranged perpendicular to a longitudinal direction relative to a center plane (46) of the section for outputting direction-selective switching signals to a cavity (30). The conductors are arranged at a fastening-side (42) and an obstruction-side (44) of the section, respectively. A sealing profile is asymmetrically arranged in a region of the cavity. An independent claim is also included for a method for detecting obstacles impinging on a hollow section.

IPC 8 full level

**E05F 15/44** (2015.01)

CPC (source: EP)

**E05F 15/44** (2015.01); **E05Y 2800/26** (2013.01); **E05Y 2900/51** (2013.01)

Citation (examination)

DE 2808964 A1 19780914 - WEIDMANN'S ERBEN MASCH

Cited by

CN112654759A; US11834886B2; WO2019057695A1; WO2020049092A1

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