

Title (en)
INDUCTIVE PROXIMITY SWITCH HAVING A PRE-DAMPING ELEMENT

Title (de)
INDUKTIVER NÄHERUNGSSCHALTER MIT EINEM VORBEDÄMPFUNGSELEMENT

Title (fr)
COMMUTATEUR DE PROXIMITÉ INDUCTIF COMPRENANT UN ÉLÉMENT DE PRÉAMORTISSEMENT

Publication
EP 3311488 A1 20180425 (DE)

Application
EP 16775532 A 20160921

Priority
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• EP 2016072339 W 20160921

Abstract (en)
[origin: WO2017050786A1] The invention relates to an inductive proximity switch, comprising at least one sensor coil (1) for producing an alternating magnetic field in order to detect a conductive target in a monitoring zone and comprising a pre-damping element (2), which are jointly arranged on a circuit board (3), and comprising an oscillator circuit (4) for feeding the sensor coil (1) and an evaluating circuit (5) for producing a binary switching signal, wherein the pre-damping element (2) has a ring, which is interrupted in at least one location and has a connection for adjusting the impedance of the ring, which connection is connected to the evaluating circuit.

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Citation (examination)
• DE 202014105253 U1 20141119 - IFM ELECTRONIC GMBH [DE]
• US 3436649 A 19690401 - TAKECHI SABURO, et al
• See also references of WO 2017050786A1

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