

Title (en)
Removable bridge safety electric contact

Title (de)
Sicherheitsbrückenkontaktstecker

Title (fr)
Contact électrique de sécurité de pont amovible

Publication
EP 2387053 A1 20111116 (EN)

Application
EP 11160522 A 20110330

Priority
IT MI20100649 A 20100415

Abstract (en)
Removable bridge safety electric contact wherein each contact element is supported by its respective contact spring comprising a leaf of resilient spring material, in which a first end (7a) and an end opposite thereto (7b) are separated by an intermediate portion (l), that is folded to assume a wavy profile of boustrophedon type, defined by substantially straight sections (7c) alternating with and connected by curved sections (7d), to allow the first end (7a) to elastically and reversibly move towards the second end (7b) as said substantially straight sections (7c) become more compacted.

IPC 8 full level
H01H 1/26 (2006.01); **H01H 9/08** (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)
H01H 1/26 (2013.01); **H01H 9/085** (2013.01); **H01H 1/50** (2013.01); **H01R 31/08** (2013.01)

Citation (search report)

- [A] FR 1280497 A 19611229 - HAZEMEIJER CO
- [A] EP 1296341 A2 20030326 - YAZAKI CORP [JP], et al
- [A] DE 1201449 B 19650923 - KRONE KG
- [A] EP 0537751 A1 19930421 - YAZAKI CORP [JP]

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US10298088B2; US2015333595A1; ITMI20131109A1; CN107337067A; IT201800005100A1; US10476345B2; EP3201650B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2387053 A1 20111116; CN 102280308 A 20111214; IT 1400227 B1 20130524; IT MI20100649 A1 20111016

DOCDB simple family (application)
EP 11160522 A 20110330; CN 201110096407 A 20110414; IT MI20100649 A 20100415