

Title (en)
Electricity limiting system

Title (de)
Strombegrenzungssystem

Title (fr)
Système de limitation de courant

Publication
EP 2555217 B1 20140115 (DE)

Application
EP 12005541 A 20120730

Priority
DE 102011109279 A 20110802

Abstract (en)
[origin: EP2555217A1] The system (1) has a contact bridge (9) switching back and forth between two stable switching positions when current exceeds a response threshold value of the current limiting system and under formation and extinguishing of electric arcs during opening and re-closing of double-contact points. The contact bridge remains in one of the two stable switching positions if the current falls below a close threshold value of a contact system (5). Four fixed contact pieces (6, 6a) are diagonally and electrically connected in pairs with one another.

IPC 8 full level
H01H 77/10 (2006.01); **H01H 73/04** (2006.01); **H01H 81/00** (2006.01); **H01H 1/20** (2006.01); **H01H 5/30** (2006.01); **H01H 9/40** (2006.01)

CPC (source: EP)
H01H 73/045 (2013.01); **H01H 77/108** (2013.01); **H01H 81/00** (2013.01); **H01H 1/2066** (2013.01); **H01H 5/30** (2013.01); **H01H 9/40** (2013.01); **H01H 77/102** (2013.01)

Cited by
CN107452549A; CN113223901A; CN103151191A; CN113208253A; US10153120B1

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

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