

Title (en)
CURRENT LIMITING ELECTRIC SWITCHING DEVICE

Publication
EP 0266762 A3 19890222 (DE)

Application
EP 87116282 A 19871105

Priority
DE 3637913 A 19861106

Abstract (en)
[origin: EP0266762A2] In current-limiting low-voltage circuit breakers, the contact arm is prevented from bouncing back after completion of electrodynamic opening by a catch in the partially open position. The catch, in any position depending on the opening forces, is produced by slots, teeth or inclined surfaces fitted to the moving contact arm which interact with a correspondingly designed mating piece fitted rigidly the housing or by depressions or bulges provided in the housing or switch wall which interact with a mating piece in the switching contact arm. The catch is released by the unlocked bolt and the associated movement of the contact arm about a different point of rotation, or by an applied force which is greater than the retaining force. <IMAGE>

IPC 1-7
H01H 77/10

IPC 8 full level
H01H 77/10 (2006.01)

CPC (source: EP)
H01H 77/10 (2013.01); **H01H 77/104** (2013.01)

Citation (search report)
• [A] GB 1052519 A
• [A] US 4409573 A 19831011 - DI MARCO BERNARD [US], et al
• [AD] DE 1463320 A1 19690327 - LICENTIA GMBH

Cited by
EP0827174A1; US5793270A; WO2007036282A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0266762 A2 19880511; EP 0266762 A3 19890222; EP 0266762 B1 19930120; AT E84914 T1 19930215; DE 3637913 A1 19880519; DE 3637913 C2 19891019; DE 3783719 D1 19930304

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