

Title (en)
Electrical device with arc commutation

Title (de)
Elektrisches Gerät mit Bogenkommutierung

Title (fr)
Dispositif électrique à commutation d'arc

Publication
EP 0780861 B1 20011031 (FR)

Application
EP 96402803 A 19961218

Priority
FR 9515464 A 19951221

Abstract (en)
[origin: EP0780861A1] The proximity arc mechanism (20) is an electrical prong placed in close proximity to the input current section (15A) of the double contact circuit breaker. The circuit breaker is made up of two fixed contacts (13A,13B) making/breaking a bridge contact circuit (11a, 11B). A command mechanism (14) opens and closes the moving contact bridge (12). As the contact bridge opens, some of the arcing current is drawn off the proximity arc mechanism.

IPC 1-7
H01H 9/46

IPC 8 full level
H01H 9/46 (2006.01); **H01H 71/12** (2006.01); **H01H 89/06** (2006.01)

CPC (source: EP US)
H01H 9/465 (2013.01 - EP US); **H01H 71/121** (2013.01 - EP US); **H01H 89/06** (2013.01 - EP US)

Cited by
FR2760565A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0780861 A1 19970625; EP 0780861 B1 20011031; AU 723390 B2 20000824; AU 7642496 A 19970626; BR 9606127 A 19981103; CA 2193715 A1 19970622; CN 1068699 C 20010718; CN 1157466 A 19970820; DE 69616488 D1 20011206; FR 2742916 A1 19970627; FR 2742916 B1 19980116; TW 308702 B 19970621; US 5777286 A 19980707; ZA 9610707 B 19970627

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EP 96402803 A 19961218; AU 7642496 A 19961220; BR 9606127 A 19961220; CA 2193715 A 19961220; CN 96123849 A 19961221; DE 69616488 T 19961218; FR 9515464 A 19951221; TW 85115962 A 19961224; US 77353496 A 19961223; ZA 9610707 A 19961219