

Title (en)  
Circuit breaker with closing resistor

Title (de)  
Leistungsschalter mit einem Einschaltwiderstand

Title (fr)  
Disjoncteur avec résistance de fermeture

Publication  
**EP 0779637 A3 19981125 (DE)**

Application  
**EP 96810782 A 19961113**

Priority  
DE 19547098 A 19951216

Abstract (en)  
[origin: DE19547098A1] The cylindrical chamber (2) extends along the central axis (1) and contains a gap (61) with a moving contact in series with the switch-on resistor (65). A resistance contact (33) in parallel with the resistor is closed and opened after the gap. The resistance contact is movable mechanically with the other in a straight line along diametrically opposed parallel axes (7,8). The coupling elements (e.g. 10) in cylindrical aluminium alloy housings on actuating rods (5) contain stacked spring washers which delay their movement during both switch-on and switch-off.

IPC 1-7  
**H01H 33/16**

IPC 8 full level  
**H01H 33/16** (2006.01)

CPC (source: EP US)  
**H01H 33/166** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Citation (search report)

- [DA] US 4421962 A 19831220 - THURIES EDMOND [FR], et al
- [A] DE 3514184 A1 19861002 - BBC BROWN BOVERI & CIE [CH]
- [A] EP 0157922 A1 19851016 - BBC BROWN BOVERI & CIE [CH]
- [DA] EP 0152583 A2 19850828 - BBC BROWN BOVERI & CIE [CH]
- [DA] EP 0313813 A1 19890503 - BBC BROWN BOVERI & CIE [CH]

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

DOCDB simple family (publication)  
**DE 19547098 A1 19970619**; AR 005005 A1 19990407; BR 9605998 A 19990330; CA 2192029 A1 19970617; CN 1165385 A 19971119; EP 0779637 A2 19970618; EP 0779637 A3 19981125; US 5814782 A 19980929

DOCDB simple family (application)  
**DE 19547098 A 19951216**; AR P960105564 A 19961209; BR 9605998 A 19961213; CA 2192029 A 19961204; CN 96123364 A 19961216; EP 96810782 A 19961113; US 74693696 A 19961118