

Title (en)
CIRCUIT BREAKER WITH FLUID INJECTION

Title (de)
SCHUTZSCHALTER MIT FLÜSSIGKEITSINJEKTION

Title (fr)
DISJONCTEUR DOTÉ D'UNE INJECTION DE FLUIDE

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Application
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Citation (opposition)
Opponent : Siemens AG

- DE 112009002045 T5 20110728 - ABB TECHNOLOGY AG [CH]
- DE 202009018213 U1 20110609 - ABB TECHNOLOGY AG [CH]
- US 4698469 A 19871006 - PHAM VAN DOAN [FR], et al
- WO 2011090992 A1 20110728 - 3M INNOVATIVE PROPERTIES CO [US], et al
- US 3150245 A 19640922 - LEEDS WINTHROP M, et al
- US 5159527 A 19921027 - FLYNN RICHARD M [US]
- DE 19705095 C1 19980402 - SIEMENS AG [DE]
- EP 1113475 A1 20010704 - ABB RESEARCH LTD [CH]
- CA 1112695 A 19811117 - GEN ELECTRIC
- WO 0007202 A2 20000210 - ABB ADDA SPA [IT], et al
- DE 1210473 B 19660210 - WESTINGHOUSE ELECTRIC CORP
- US 2008290069 A1 20081127 - DUFOURNET DENIS [FR], et al
- DE 4412249 A1 19951012 - SIEMENS AG [DE]
- DE 10227414 B3 20040115 - SIEMENS AG [DE]
- EP 1843376 A1 20071010 - ABB RESEARCH LTD [CH]

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