



(51) International Patent Classification:  
*H02B 13/075* (2006.01) *H02B 13/035* (2006.01)

(21) International Application Number:  
PCT/EP2010/006257

(22) International Filing Date:  
13 October 2010 (13.10.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
09012901.6 13 October 2009 (13.10.2009) EP

(71) Applicant (for all designated States except US): **ABB TECHNOLOGY AG** [CH/CH]; Affolternstrasse 44, CH-8050 Zürich (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HYRENBACH, Maik** [DE/DE]; Gerhardstrasse 76, 40878 Ratingen (DE). **MAI, Kasimir** [DE/DE]; Karl-Jaspers Strasse 22, 40595 Düsseldorf (DE).

(74) Agent: **SCHMIDT, Karl-Michael**; c/o ABB AG/GF-IP, Oberhausener Strasse 33, 40472 Ratingen (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

— of inventorship (Rule 4.17(iv))

**Published:**

— with international search report (Art. 21(3))

(54) Title: THREE-PHASE GASINSULATED MEDIUM VOLTAGE SWITCHING DEVICE

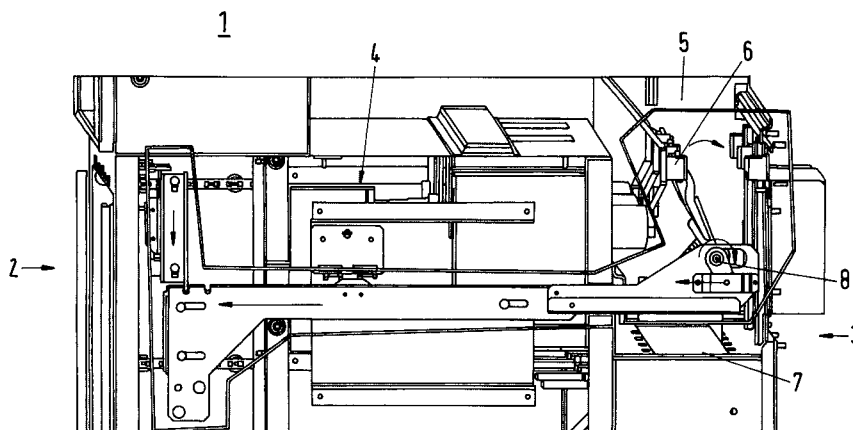


Fig.1

(57) Abstract: The invention relates to a three-phase gasinsulated medium voltage switching device with a disconnecting device between medium voltage levels and voltage transformers with disconnector contacts which are arranged on a rotatable shaft, in that way, that by a partly rotation of the shaft, the disconnector contacts switch connected voltage transformers between medium voltage level and ground level. The shaft is passing through the side wall of a gastight compartment and/or a housing.