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(21) International Application Number: PCT/SE97/00890 (22) International Filing Date: 27 May 1997 (27.05.97) (30) Priority Data: 9602079-7 29 May 1996 (29.05.96) SE (71) Applicant (for all designated States except US): ASEA BROWN BOVERI AB [SE/SE]; S-721 83 Västerås (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): LEIJON, Mats [SE/SE]; Hyvlargatan 5, S-723 35 Västerås (SE). SCHÜTTE, Thorsten [SE/SE]; Bangatan 5 B, S-722 28 Västerås (SE). SASSE, Christian [SE/SE]; Drottninggatan 4 B, S-724 64 Västerås (SE). FROMM, Udo [SE/SE]; Karlfeldtsgatan 11 A, S-722 22 Västerås (SE). (74) Agent: ASKERBERG, Fredrik; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, ES, FI, FI (Utility model), GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(54) Title: A ROTATING ASYNCHRONOUS CONVERTER AND A GENERATOR DEVICE		
(57) Abstract The present invention relates to a rotating asynchronous converter and a generator device. The converter comprises a first stator connected to a first AC network with a first frequency (f_1), and a second stator connected to a second AC network with a second frequency (f_2). The converter also comprises a rotor means which rotates in dependence of the first and second frequencies (f_1, f_2). The stators each comprise at least one winding, wherein each winding comprise at least one current-carrying conductor, and each winding comprises an insulation system, which comprises on the one hand at least two semiconducting layers, wherein each layer constitutes substantially an equipotential surface, and on the other hand between them is arranged a solid insulation.		