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(21) International Application Number: PCT/NL96/00304 (22) International Filing Date: 26 July 1996 (26.07.96) (30) Priority Data: 1000914 1 August 1995 (01.08.95) NL (71) Applicant (for all designated States except US): N.V. ENECO [NL/NL]; Rochussenstraat 200, NL-3015 EK Rotterdam (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): ASSELMAN, Paulus, Gerardus, Johannes, Maria [NL/NL]; Hooikamp 70, NL-2264 JV Leidschendam (NL). GRIFFIONEN, Jan, Hendrik [NL/NL]; Koningshof 76, NL-2641 GV Pijnacker (NL). BAUER, Pavol [NL/NL]; Sweelinckstraat 52, NL-2625 VL Delft (NL). PAAP, Gerardus, Christoffel [NL/NL]; Maasdal 64, NL-2904 CR Capelle Aan de IJssel (NL). de HAAN, Sjoerd, Walter, Hero [NL/NL]; Aart van de Leeuwlaan 1028, NL-2624 MA Delft (NL). van de WATER, Cornelis, Josephus [NL/NL]; Rembrandstraat 4, NL-6921 BA Duiven (NL). (74) Agent: MERTENS, H.V.; van Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, 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, ARIPO patent (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.	

(54) Title: **METHOD AND DEVICE FOR CONTINUOUS ADJUSTMENT AND REGULATION OF A TRANSFORMER TURNS RATIO, AND TRANSFORMER PROVIDED WITH SUCH A DEVICE**

(57) Abstract

In a method and a device for continuously adjusting, within a certain adjustment range, the turns ratio between the primary (4) winding and the secondary (6) winding of a power transformer (2) provided with at least one regulating winding, a first tap (6a, 6b, 6c, 6d) is switched on during a portion of a cycle of the alternating voltage of the transformer (2) and a second tap (6b, 6c, 6d, 6a) is switched on during another portion of the cycle of the alternating voltage. For this purpose, the device comprises electronic switches (8a, 8b, 8c, 8d, 10a, 10b, 10c, 10d) in the form of thyristors or transistors.

