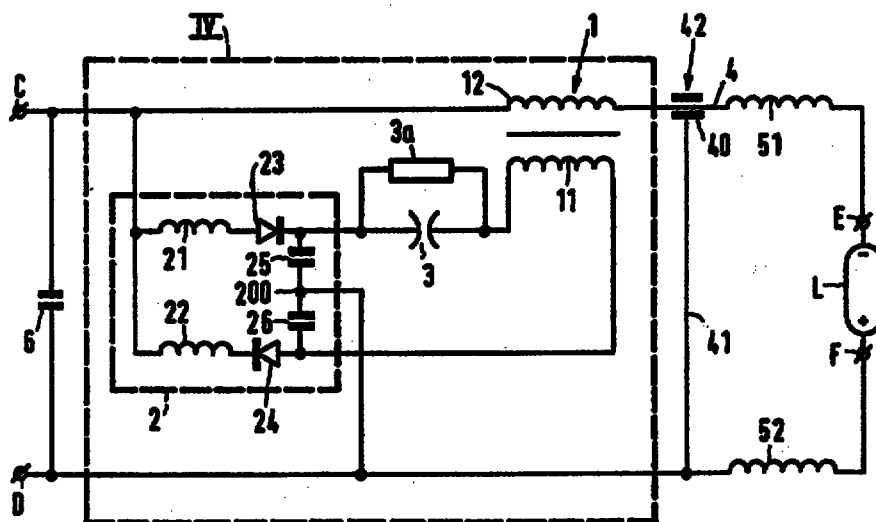




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H05B 41/04, 41/29	A1	(11) International Publication Number: WO 95/28068 (43) International Publication Date: 19 October 1995 (19.10.95)
(21) International Application Number: PCT/IB95/00196 (22) International Filing Date: 23 March 1995 (23.03.95) (30) Priority Data: 94200929.1 6 April 1994 (06.04.94) EP (34) Countries for which the regional or international application was filed: NL et al. (71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 5, Kista, S-164 85 Stockholm (SE). (72) Inventors: BLOM, Anton, Cornelis; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). SLEGERS, Frans; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (74) Agent: DUSSELDORP, Jan, Charles; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).		(81) Designated States: CA, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.

(54) Title: CIRCUIT ARRANGEMENT



(57) Abstract

The invention relates to a circuit arrangement for igniting a high-pressure discharge lamp (L), provided with input terminals (C, D) for connection to a commutating supply source with a square-wave supply voltage; a pulse-generating circuit (IV) provided with a voltage-dependent breakdown element (3) and with a voltage-raising network (2) formed by a network of rectifying and capacitive means; a pulse transformer (1); and an electrical connection between a secondary winding (12) of the pulse transformer and lamp connection terminals (E, F). According to the invention, the voltage-raising network (2) is in addition provided with inductive means (21, 22). The result of this is that a strongly increased voltage is available across the breakdown element substantially instantaneously after each commutation of the commutating supply voltage.