

Title (en)

Switch circuit arrangement for driving lamps

Title (de)

Ansteuerschaltung für den Betrieb mindestens einer Lampe in einem dazugehörigen Lastkreis

Title (fr)

Circuit interrupteur pour commander une lampe

Publication

EP 1484947 B1 20090819 (DE)

Application

EP 04009454 A 20040421

Priority

DE 10325872 A 20030606

Abstract (en)

[origin: EP1484947A2] The circuit has two switches in a half-bridge arrangement. Each switch has a bipolar transistor (B2) and a field effect transistor (F2) with control, working and reference electrodes in a cascode circuit. The half bridge center point is coupled to the at least one load circuit. Each cascode circuit has an input stage (E2) with the series circuit of a diode (D21) and transformer secondary winding (L2) arranged parallel to the bipolar transistor's control electrode and the FET's reference electrode. The transformer primary (L 0) is in the load circuit to carry the load current (IL) when the lamp(s) is operating.

IPC 8 full level

H05B 41/282 (2006.01)

CPC (source: EP KR US)

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