

Title (en)
Circuit.

Title (de)
Schaltungsanordnung.

Title (fr)
Circuit.

Publication
EP 0389847 B1 19950215 (DE)

Application
EP 90104513 A 19900309

Priority
EP 89104702 A 19890316

Abstract (en)
[origin: EP0389847A2] A circuit arrangement is specified for the high-frequency operation of one or more low-pressure discharge lamps connected in parallel with one another. The circuit arrangement has a mains rectifier with a downstream active harmonic filter, a downstream smoothing capacitor and a high-frequency generator allocated to each low-pressure discharge lamp. The high-frequency generator is a single-ended high-frequency generator which has one switching transistor (T1), one switching inductor (L1) and an oscillator capacitor (C1) and which is operated on the smoothing capacitor (C0), decoupled from the mains via two diodes (D5, D6). <IMAGE>

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H05B 41/29

IPC 8 full level
H02M 1/15 (2006.01); **H05B 41/24** (2006.01); **H05B 41/28** (2006.01)

CPC (source: EP KR US)
H05B 41/16 (2013.01 - KR); **H05B 41/28** (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US)

Cited by
US5608294A; DE4217822A1; EP0714225A1; WO9535645A1

Designated contracting state (EPC)
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