

Title (en)
Intelligent flyback heating

Title (de)
Intelligente Flyback-Heizung

Title (fr)
Chauffage intelligent par convertisseur à transfert indirect

Publication
EP 2111085 B1 20120523 (DE)

Application
EP 09159438 A 20060403

Priority
• EP 06723975 A 20060403
• DE 102005018761 A 20050422

Abstract (en)
[origin: EP2111085A1] The heating circuit has a coupling unit transferring the heat of a primary winding to a secondary winding that is connected to coils (5, 6). A monitoring circuit detects the current flow in the primary winding. A heat control circuit (7) switches the heating circuit into a failure-operation mode if the primary winding current exceeds a threshold value, where the energy transfer of the coupling unit is limited to a value in the mode. An independent claim is also included for a method for heating a coil of a gas discharge lamp.

IPC 8 full level
H05B 41/298 (2006.01)

CPC (source: EP)
H05B 41/295 (2013.01); **H05B 41/2985** (2013.01)

Citation (examination)
• US 2004066152 A1 20040408 - NEMIROW ARTHUR T [US], et al
• US 2004113566 A1 20040617 - NEMIROW ARTHUR T [US]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2111085 A1 20091021; EP 2111085 B1 20120523; AT E434372 T1 20090715; CN 101164386 A 20080416; DE 102005018761 A1 20061026; DE 502006004002 D1 20090730; EP 1872630 A1 20080102; EP 1872630 B1 20090617; EP 1872630 B2 20180411; WO 2006111263 A1 20061026

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