

Title (en)

CONTROL METHOD, CONTROL DEVICE, AND METHOD FOR THE PRODUCTION OF THE CONTROL DEVICE

Title (de)

STEUERVERFAHREN, STEUERVORRICHTUNG UND VERFAHREN ZUM HERSTELLEN DER STEUERVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE, DISPOSITIF DE COMMANDE ET PROCÉDÉ DE FABRICATION DU DISPOSITIF DE COMMANDE

Publication

**EP 2062461 A1 20090527 (DE)**

Application

**EP 08706896 A 20080215**

Priority

- DE 2008000290 W 20080215
- DE 102007009532 A 20070227

Abstract (en)

[origin: DE102007009532A1] The method involves generating a pulse-shaped electrical operating current for operating a radiation-emitting semiconductor component in such a manner that radiation flux of the component changes only within a predetermined radiation flux tolerance band over a pulse duration. The current is raised over the pulse duration. An electrical compensation current is generated and increased over the pulse duration. The compensation current is overlapped to a pulse-shaped electrical switching current for generating the operating current. Independent claims are included for the following: (1) a control device (2) a method for manufacturing a control device for operating a radiation-emitting semiconductor component.

IPC 8 full level

**H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

**H05B 45/14** (2020.01 - EP KR US); **H05B 45/20** (2020.01 - KR); **H05B 45/37** (2020.01 - KR)

Citation (search report)

See references of WO 2008104152A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102007009532 A1 20080828**; CN 101675708 A 20100317; CN 101675708 B 20140507; EP 2062461 A1 20090527; EP 2062461 B1 20130424; JP 2010519774 A 20100603; JP 5502495 B2 20140528; KR 101486846 B1 20150128; KR 20090115716 A 20091105; TW 200901827 A 20090101; US 2010090610 A1 20100415; US 8519633 B2 20130827; WO 2008104152 A1 20080904

DOCDB simple family (application)

**DE 102007009532 A 20070227**; CN 200880006346 A 20080215; DE 2008000290 W 20080215; EP 08706896 A 20080215; JP 2009551097 A 20080215; KR 20097016131 A 20080215; TW 97106867 A 20080227; US 52800508 A 20080215