

Title (en)
HIGH CURRENT END POWER STAGE

Title (de)
HOCHSTROM-LEISTUNGSENDSTUFE

Title (fr)
ETAGE DE PUISSANCE FINAL A COURANT FORT

Publication
EP 1929606 A1 20080611 (DE)

Application
EP 06793712 A 20060921

Priority
• EP 2006066590 W 20060921
• DE 102005046682 A 20050929

Abstract (en)
[origin: DE102005046682A1] The output (PA) has four power transistors (T) each comprising a diode (D) that is blocked during normal operation of the respective transistor. A set of electrical supply lines couples the transistors with supply and reference potentials. A safety fuse (S) is triggered by a current that flows through the diode, where the diode is arranged in a direction of conduction when the supply and reference potentials are interchanged.

IPC 8 full level
H02H 11/00 (2006.01)

CPC (source: EP KR US)
H02H 11/00 (2013.01 - KR); **H02H 11/002** (2013.01 - EP US); **H03K 3/53** (2013.01 - KR); **H02H 7/0838** (2013.01 - EP US)

Citation (search report)
See references of WO 2007036482A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 102005046682 A1 20070405; EP 1929606 A1 20080611; JP 2009510989 A 20090312; KR 101363810 B1 20140214; KR 20080063357 A 20080703; US 2009108909 A1 20090430; US 7696809 B2 20100413; WO 2007036482 A1 20070405

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DE 102005046682 A 20050929; EP 06793712 A 20060921; EP 2006066590 W 20060921; JP 2008532739 A 20060921; KR 20087009688 A 20060921; US 99279306 A 20060921