

Title (en)
EXCITATION STAGE FOR HIGH FREQUENCY GENERATOR

Title (de)
ERREGUNGSSTUFE FÜR EINEN HOCHFREQUENZGENERATOR

Title (fr)
ETAGE D'EXCITATION POUR GENERATEUR HAUTE FREQUENCE

Publication
EP 2335351 A1 20110622 (FR)

Application
EP 09783583 A 20090930

Priority

- EP 2009062662 W 20090930
- FR 0805371 A 20080930

Abstract (en)
[origin: WO2010037764A1] The invention relates to an excitation stage for a solid-state industrial high frequency (IHF) generator. The generator comprises two electronic switches (11, 12) connected in series between two terminals (13, 14) of a DC power supply. To avoid the simultaneous conduction of the two switches (11, 12), the switches (11, 12) are controlled by means of a square function (76, 77) whose edges, for opening and closing the switches (11, 12), are monitored temporally.

IPC 8 full level
H03F 1/52 (2006.01); **H03F 3/217** (2006.01)

CPC (source: EP)
H03F 1/0205 (2013.01); **H03F 3/19** (2013.01); **H03F 3/2171** (2013.01); **H03F 3/2173** (2013.01)

Citation (search report)
See references of WO 2010037764A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
FR 2936666 A1 20100402; **FR 2936666 B1 20110225**; EP 2335351 A1 20110622; WO 2010037764 A1 20100408

DOCDB simple family (application)
FR 0805371 A 20080930; EP 09783583 A 20090930; EP 2009062662 W 20090930