

Title (en)

TRACK SUPPLY RECTIFIER AND METHOD FOR OPERATING A TRACK SUPPLY RECTIFIER

Title (de)

BAHNSPEISEGLEICHRICHTER UND VERFAHREN ZUM BETREIBEN EINES BAHNSPEISEGLEICHRICHTERS

Title (fr)

REDRESSEUR D'ALIMENTATION DE VOIE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN REDRESSEUR D'ALIMENTATION DE VOIE

Publication

EP 3134948 A1 20170301 (DE)

Application

EP 15726086 A 20150526

Priority

- DE 102014211792 A 20140619
- EP 2015061566 W 20150526

Abstract (en)

[origin: WO2015193064A1] The invention relates to a track supply rectifier (2, 10) having a voltage rectifying arrangement (11) with an AC voltage side (25) and a DC voltage side (26), and a first circuit branch (12) on the DC voltage side which has a capacitor (C) and a resistor (R1), and a basic load resistor (RG), characterized in that a voltage-controlled switching device (30, 31) is assigned to the basic load resistor (RG) and is suitable for connecting the basic load resistor (RG) if a DC voltage (U) applied on the DC voltage side (26) reaches a previously stipulated upper limit value. The invention further relates to a method for operating a track supply rectifier.

IPC 8 full level

H02H 7/122 (2006.01); **H02M 7/12** (2006.01)

CPC (source: EP)

H02H 7/1252 (2013.01); **H02M 7/125** (2013.01)

Citation (search report)

See references of WO 2015193064A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015193064 A1 20151223; DE 102014211792 A1 20160107; EP 3134948 A1 20170301

DOCDB simple family (application)

EP 2015061566 W 20150526; DE 102014211792 A 20140619; EP 15726086 A 20150526