

Title (en)

CURRENT LIMITER DEVICE HAVING A COIL AND A SWITCH

Title (de)

STROMBEGRENZEREINRICHTUNG MIT SPULE UND SCHALTER

Title (fr)

DISPOSITIF LIMITEUR DE COURANT À BOBINE ET COMMUTATEUR

Publication

EP 3304670 A1 20180411 (DE)

Application

EP 16734581 A 20160616

Priority

- DE 102015213494 A 20150717
- EP 2016063900 W 20160616

Abstract (en)

[origin: WO2017012799A1] The invention relates to a current limiter device for limiting a short-circuit current in a higher-level electricity grid. The current limiter device has a current-limiting coil device and a load switch, which is electrically connected in series to the coil device, wherein the switch is designed as a load switch. The invention further relates to a method for limiting a short-circuit current in an electricity grid having such a current limiter device, wherein a short-circuit current flowing through the coil device is limited to a specified limiting current, by means of the coil device, and the limiting current flowing through the load switch is interrupted by an opening of the load switch.

IPC 8 full level

H02H 9/02 (2006.01); **H10N 60/35** (2023.01)

CPC (source: EP KR US)

H02H 9/023 (2013.01 - EP KR US); **H10N 60/35** (2023.02 - US); **H10N 60/857** (2023.02 - US); **Y02E 40/60** (2013.01 - EP KR US)

Citation (examination)

WO 2014162950 A1 20141009 - SUMITOMO ELECTRIC INDUSTRIES [JP]

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)

DE 102015213494 A1 20170119; CN 107851992 A 20180327; CN 107851992 B 20200501; EP 3304670 A1 20180411; KR 102162449 B1 20201006; KR 20180030870 A 20180326; US 2018205223 A1 20180719; WO 2017012799 A1 20170126

DOCDB simple family (application)

DE 102015213494 A 20150717; CN 201680042063 A 20160616; EP 16734581 A 20160616; EP 2016063900 W 20160616; KR 20187004525 A 20160616; US 201615743845 A 20160616