

Title (en)

Method and device for supplying power to induction means

Title (de)

Verfahren und Vorrichtung zur Leistungszuführung von Induktionsmitteln

Title (fr)

Procédé et dispositif d'alimentation en puissance des moyens d'induction

Publication

EP 2747514 B1 20190327 (FR)

Application

EP 13198656 A 20131219

Priority

FR 1262422 A 20121220

Abstract (en)

[origin: EP2747514A1] The method involves operating insulated gate bipolar transistors (IGBTs) of a power inverter (20) for a predetermined time at a starting frequency greater than the maximum frequency of continuous operation. A sector voltage is applied by the inverter to inductors (I1-I3) for a predetermined duration representing the time passed between a moment in which the IGBTs are put under operation at the starting frequency and another moment in which the IGBTs are put under operation at a working frequency. An independent claim is also included for a device for supplying power to inductors associated with a cooking zone.

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01)

Cited by

CN113315499A; WO2024056532A1; EP2999307B1

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

DOCDB simple family (publication)

EP 2747514 A1 20140625; EP 2747514 B1 20190327; ES 2728849 T3 20191029; FR 3000361 A1 20140627; FR 3000361 B1 20141226

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