

Title (en)

Method and apparatus for switching an inductive load

Title (de)

Verfahren und Vorrichtung zum Schalten eines induktiven Verbrauchers

Title (fr)

Méthode et dispositif pour commuter une charge inductive

Publication

EP 0945609 B1 20060607 (DE)

Application

EP 98117685 A 19980917

Priority

DE 19812744 A 19980324

Abstract (en)

[origin: EP0945609A2] The load (EV1-EV4) has one connection to earth via a switch (T1-T4) and another connection to a supply voltage. The inductance has a first connection which can be connected via a second switch to earth and a second connection connected to the supply voltage. The method involves driving the switches so that when the current flow through the inductance is interrupted, released energy is used to switch the load (EV1-EV4). An Independent claim is also included for an arrangement for switching at least one inductive load.

IPC 8 full level

F02D 41/20 (2006.01); **H01F 7/18** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP)

F02D 41/20 (2013.01); **H01F 7/1883** (2013.01); **F02D 2041/2003** (2013.01); **F02D 2041/2006** (2013.01); **F02D 2041/201** (2013.01); **F02D 2041/2079** (2013.01)

Citation (examination)

PATENT ABSTRACTS OF JAPAN vol. 005, no. 121 (E - 068) 5 August 1981 (1981-08-05)

Cited by

EP1296024B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0945609 A2 19990929; **EP 0945609 A3 20000830**; **EP 0945609 B1 20060607**; DE 19812744 A1 19990930; DE 59813582 D1 20060720; JP H11329832 A 19991130

DOCDB simple family (application)

EP 98117685 A 19980917; DE 19812744 A 19980324; DE 59813582 T 19980917; JP 7867599 A 19990323