

Title (en)
CONTACTOR WITH A CONTROL STAGE AND EXCESS CURRENT RELEASER

Publication
EP 0140093 B1 19870318 (DE)

Application
EP 84110871 A 19840912

Priority
DE 3333833 A 19830920

Abstract (en)
[origin: EP0140093A2] 1. Circuit arrangement for the direct-current operation of contactors, in which arrangement the control voltage is applied to the exciter coil (11) of the contactor (4) via a contactless electronic switching stage (12, 13), characterized in that the control line to the electronic switching stage (12, 13) can be short-circuited by means of a thyristor (17), the thyristor (17) being triggered via a sealed switching contact (16) which can be switched by the magnetic field of the current in the load circuit.

IPC 1-7
H01H 47/22; **H02H 3/08**

IPC 8 full level
H02H 3/087 (2006.01); **H01H 47/32** (2006.01); **H01H 71/24** (2006.01)

CPC (source: EP)
H01H 47/325 (2013.01); **H01H 71/2445** (2013.01)

Cited by
EP0483591A3; FR2612685A1; EP0352391A1

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0140093 A2 19850508; **EP 0140093 A3 19851002**; **EP 0140093 B1 19870318**; DE 3333833 A1 19850404; DE 3333833 C2 19870604; JP S60121641 A 19850629

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EP 84110871 A 19840912; DE 3333833 A 19830920; JP 19408584 A 19840918