

Title (en)
Operation control device for a contactor.

Title (de)
Betriebssteuereinrichtung einer Schütz.

Title (fr)
Dispositif de commade du fonctionnement d'un contacteur.

Publication
EP 0627753 A1 19941207 (FR)

Application
EP 94401158 A 19940525

Priority
FR 9306508 A 19930601

Abstract (en)
This operation control device for a contactor including a pull-in coil (1) and a coil (2) for holding a moving assembly in active position, the supply to which is governed by control means (6, 7), is characterised in that the control means include separate means (6, 9, 10) for control of the supply to the coils, receiving, as input, information on the power supply voltage of the contactor, in order: - simultaneously to feed the two coils (1, 2) during engagement of the operation of the contactor; - cutting off the supply to the pull-in coil (1) at the end of a defined time after the engagement of the operation of the contactor; and - again supplying the pull-in coil (1) in the event of a defined fall in the power supply voltage of the contactor during the operation of the latter. <IMAGE>

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

IPC 8 full level
H01H 47/04 (2006.01); **H01H 47/00** (2006.01); **H01H 47/08** (2006.01); **H01H 47/22** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP)
F02N 11/087 (2013.01); **H01H 47/08** (2013.01); **H01H 47/22** (2013.01); **F02N 2011/0892** (2013.01)

Citation (search report)
• [DY] FR 2611981 A1 19880909 - MITSUBISHI ELECTRIC CORP [JP]
• [DY] EP 0164014 A1 19851211 - SIEMENS AG [DE]
• [DA] GB 2156156 A 19851002 - HAGER ELECTRO GMBH & CO

Cited by
EP1462683A3; CN102822501A; US7442149B2; WO2011124450A3

Designated contracting state (EPC)
AT BE CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)
EP 0627753 A1 19941207; **EP 0627753 B1 19960508**; AT E137885 T1 19960515; CA 2124630 A1 19941202; CA 2124630 C 19990831; DE 627753 T1 19950706; DE 69400172 D1 19960613; DE 69400172 T2 19961219; ES 2064298 T1 19950201; ES 2064298 T3 19960816; FR 2706071 A1 19941209; FR 2706071 B1 19950707; JP 2898201 B2 19990531; JP H0773793 A 19950317

DOCDB simple family (application)
EP 94401158 A 19940525; AT 94401158 T 19940525; CA 2124630 A 19940530; DE 69400172 T 19940525; DE 94401158 T 19940525; ES 94401158 T 19940525; FR 9306508 A 19930601; JP 11908094 A 19940531