Title (en)
SWITCHING ARRANGEMENT FOR LOAD CHANGE-OVER SWITCHES OF STEP SWITCHES AND FOR SELECTOR SWITCHES

Title (de)
UMSCHALTANORDNUNG FÜR LASTUMSCHALTER VON STUFENSCHALTERN UND FÜR LASTWÄHLER

Title (fr)
SYSTEME DE COMMUTATION POUR INTERRUPTEUR DE PUISSANCE DE COMMUTATEURS A PLOTS ET POUR SELECTEUR DE PUISSANCE

Publication
EP 0749627 A1 19961227 (DE)

Application
EP 95913065 A 19950308

Priority
- DE 4407945 A 19940309
- DE 4441082 A 19941118
- EP 9500855 W 19950308

Abstract (en)
[origin: US5786552A] PCT No. PCT/EP95/00855 Sec. 371 Date Sep. 25, 1996 Sec. 102(e) Date Sep. 25, 1996 PCT Filed Mar. 8, 1995 PCT Pub. No. WO95/24724 PCT Pub. Date Sep. 14, 1995The invention concerns a switching arrangement for load change-over switches of step switches and for selector switches, wherein two switching contacts movable in two directions are present. The first switching contact is in the form of a main switching contact and is connected to the load derivation by means of a first vacuum switchgear cell. The second switching contact is in the form of a resistance switching contact which is likewise connected to the load derivation by means of a series connection comprising a second vacuum switchgear cell and a transition resistor. Both the main and the resistance switching contacts can be moved independently of one another and without mutual coupling or influence. The main switching contact always reaches the new fixed contact abruptly and independently of the switching direction before the resistance switching contact leaves the previous fixed contact.

IPC 1-7
H01H 9/00; H01F 29/04

IPC 8 full level
H01F 29/04 (2006.01); **H01H 9/00** (2006.01)

CPC (source: EP US)
H01F 29/04 (2013.01 - EP US); **H01H 9/0005** (2013.01 - EP US); **H01H 9/0038** (2013.01 - EP US)

Citation (search report)
See references of WO 9524724A1

Designated contracting state (EPC)
AT BE DE FR GB IT SE

DOCDB simple family (publication)
US 5786552 A 19980728; AT E185442 T1 19991015; AU 2067895 A 19950925; BG 100768 A 19970331; BG 62224 B1 19990531; BR 9507049 A 19970902; CA 2184371 A1 19950914; CA 2184371 C 20041228; CN 1046590 C 19991117; CN 1143426 A 19970219; EP 0749627 A1 19961227; EP 0749627 B1 19991006; HU 220525 B1 20020328; HU 9602012 D0 19960930; HU T75268 A 19970528; JP 3847780 B2 20061122; JP H09510052 A 19971007; KR 100248253 B1 20000315; PL 176720 B1 19990730; PL 316081 A1 19961223; RO 117823 B1 20020730; RU 2133994 C1 19990727; WO 9524724 A1 19950914

DOCDB simple family (application)
US 70462696 A 19960925; AT 95913065 T 19950308; AU 2067895 A 19950308; BG 10076896 A 19960805; BR 9507049 A 19950308; CA 2184371 A 19950308; CN 95191980 A 19950308; EP 9500855 W 19950308; EP 95913065 A 19950308; HU 9602012 A 19950308; JP 52323295 A 19950308; KR 19960704907 A 19960905; PL 31608195 A 19950308; RO 9601746 A 19950308; RU 96120150 A 19950308