

Title (en)

Tap changer for tapped transformer

Title (de)

Stufenschalter für einen Stufentransformator

Title (fr)

Sélecteur de prises pour transformateur à échelons

Publication

EP 0637829 B1 19970108 (DE)

Application

EP 94102842 A 19940225

Priority

DE 4326127 A 19930804

Abstract (en)

[origin: EP0637829A1] A stage switching unit for use in transformers has a number of fixed contacts (Kn) mounted on a frame. Auxiliary contacts (5) are mounted on a slide element (3) that is subjected to the force applied by a spring (4) when a leadscrew (2) is rotated by a geared drive (1). The movable contact is mounted on a coupled mass (7) that is subjected to a separate spring force. The changeover between contacts occurs with a snap action.

IPC 1-7

H01H 9/00; **H01H 3/30**

IPC 8 full level

H01F 29/04 (2006.01); **H01H 3/30** (2006.01); **H01H 9/00** (2006.01)

CPC (source: EP)

H01H 9/0027 (2013.01); **H01H 3/3052** (2013.01)

Designated contracting state (EPC)

AT DE ES FR GB SE

DOCDB simple family (publication)

EP 0637829 A1 19950208; **EP 0637829 B1 19970108**; AT E147538 T1 19970115; DE 4326127 C1 19941103; DE 59401513 D1 19970220; ES 2096358 T3 19970301; JP 3599246 B2 20041208; JP H07153633 A 19950616

DOCDB simple family (application)

EP 94102842 A 19940225; AT 94102842 T 19940225; DE 4326127 A 19930804; DE 59401513 T 19940225; ES 94102842 T 19940225; JP 18237294 A 19940803