

Title (en)

Drive for an electrical power circuit breaker

Title (de)

Antrieb für einen elektrischen Leistungsschalter

Title (fr)

Entraînement pour un disjoncteur électrique de puissance

Publication

EP 0612086 B1 19960703 (DE)

Application

EP 94250026 A 19940209

Priority

DE 4305512 A 19930216

Abstract (en)

[origin: EP0612086A1] In the case of a drive for an electrical power circuit breaker having a cam disc and a transmission element (11), which can be driven between a first position and a second position of the cam disc (10), as well as having a braking element (3) which decelerates the transmission element (11), the cam disc (10) is formed in such a manner that the differential quotient (f') of the distance travelled by the transmission element (11) and the rotation angle of the cam disc (10), considered as a function of the rotation angle of the cam disc (10), is at a maximum (18) in the initial range of movement transmission between the cam disc (10) and the transmission element (11). In consequence, the transmission element (11) is accelerated rapidly, followed by slow braking. <IMAGE>

IPC 1-7

H01H 3/30; **H01H 33/40**

IPC 8 full level

H01H 3/30 (2006.01); **H01H 3/42** (2006.01); **H01H 33/40** (2006.01)

CPC (source: EP)

H01H 3/30 (2013.01); **H01H 3/42** (2013.01)

Cited by

CN104681346A; CN109244938A; WO2007016880A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0612086 A1 19940824; **EP 0612086 B1 19960703**; AT E140099 T1 19960715; DE 4305512 A1 19940818; DE 59400383 D1 19960808

DOCDB simple family (application)

EP 94250026 A 19940209; AT 94250026 T 19940209; DE 4305512 A 19930216; DE 59400383 T 19940209