

Title (en)

DOUBLE-MOTION GAS INSULATED TYPE CIRCUIT BREAKER

Title (de)

GASISOLIERTER SCHUTZSCHALTER MIT DOPPELBEWEGUNG

Title (fr)

DISJONCTEUR DE TYPE À ISOLATION GAZEUSE À DOUBLE MOUVEMENT

Publication

EP 2707891 A1 20140319 (EN)

Application

EP 11721282 A 20110513

Priority

EP 2011057792 W 20110513

Abstract (en)

[origin: WO2012155952A1] A gas insulated type circuit breaker (1) comprises a housing (4) defining a gas volume for a dielectric insulation gas; a first nominal contact element (42) and a second nominal contact element (52) adapted for selectively carrying or interrupting a nominal current between them, wherein the first nominal contact element (42) is movable along an axis (2) of the circuit breaker, and the second nominal contact element (52) is fixed relative to the housing (4); a first arcing contact element (62) and a second arcing contact element (72) adapted for selectively carrying or interrupting an arcing current between them, wherein the first arcing contact element (62) and the second arcing contact element (72) are movable along the axis (2); a first gear (20) coupling the first nominal contact element (42) and the first arcing contact element (62) to each other such that for circuit breaking the first nominal contact element (42) and the first arcing contact element (62) are both moved in a first direction along the axis (2); and a second gear (30) coupling the second arcing contact element (72) to one of the first nominal contact element (42) and the first arcing contact element (62) such that for circuit breaking the second arcing contact element (72) moves in a second direction along the axis (2) opposite to a first direction.

IPC 8 full level

H01H 33/12 (2006.01); **H01H 33/70** (2006.01)

CPC (source: EP KR)

H01H 33/12 (2013.01 - EP KR); **H01H 33/70** (2013.01 - KR); **H01H 33/904** (2013.01 - EP); **H01H 2033/028** (2013.01 - EP)

Citation (search report)

See references of WO 2012155952A1

Cited by

CN114429882A

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