Title (en)
CIRCUIT BREAKER WITH NEUTRAL-LINE DISCONNECTION

Abstract (en)
[origin: EP0054499A1] 1. A circuit breaker of the type comprising a fixed phase contact (14), a movable phase contact (15) which is urged by resilient opening means (21) in the direction of a tripped position in which it is spaced from said fixed phase contact (14), an actuating mechanism (16) which is intended on the one hand to cause said movable phase contact (15) to move into and be maintained in the closed position under the control of a closing and tripping hand lever (35) which is mounted movably between a closed position and a tripped position, and, on the other hand, to cause liberation of said movable phase contact (15), in response to the movable element (28) of a tripping member (17), at least one fixed neutral contact (19), a movable neutral contact (20) which is pilot-controlled in respect of closing and opening by said closing and tripping lever (35) and a disengageable locking member (60) which, under the control of the movable element (28) of the tripping member (17), is movable between an unlocking position in which it leaves free the movable neutral contact (20) and a locking position in which it temporarily holds same in a closed position, characterised in that said locking member (60) comes into action by way of the closing and tripping lever (35), said locking member (60) leaving free said closing and tripping lever (35) when said locking member is in the unlocking position and holding same temporarily in a closed position when said locking member is in a locking position.

IPC 1-7
H01H 71/00

IPC 8 full level
H01H 71/00 (2006.01)

CPC (source: EP)
H01H 71/002 (2013.01)

Cited by
DE4307811A1; EP0591905A1; EP0111662A1; WO9624150A1

Designated contracting state (EPC)
BE DE GB IT NL

DOCDB simple family (publication)
EP 0054499 A1 19820623; **EP 0054499 B1 19840613**; DE 3164236 D1 19840719

DOCDB simple family (application)
EP 81402004 A 19811215; DE 3164236 T 19811215