

Title (en)
ELECTROMAGNETIC EXCESS CURRENT CIRCUIT BREAKER WITH VARIABLE AIR GAP

Publication
EP 0004564 B1 19820421 (DE)

Application
EP 79100667 A 19790306

Priority
DE 2815130 A 19780405

Abstract (en)
[origin: US4297664A] A low voltage circuit breaker has an electromagnetic overcurrent tripping device consisting of a magnetic yoke, relative to the pole surfaces of which an armature is movably arranged. The spacing of the armature from the pole surfaces is established by a stop member carried on a stationary support. The stop member is in the form of a disc having pairs of pins on its opposite sides which are mounted on connecting lines which are perpendicular to each other. Which of the four stop surfaces of the stop member is set in place is decided by rotating the stop member by 180 DEG when it is facing one way or by reversing it, and rotating it 180 DEG in its new position to choose between the other surfaces. Both sides of the stop member carry markings for the tripping current level, the effective one being always readable in the upright position.

IPC 1-7
H01H 71/74

IPC 8 full level
H01H 71/24 (2006.01); **H01H 71/74** (2006.01)

CPC (source: EP US)
H01H 71/7463 (2013.01 - EP US); **H01H 2069/016** (2013.01 - EP US)

Cited by
EP0097199A1

Designated contracting state (EPC)
BE CH FR GB IT LU NL SE

DOCDB simple family (publication)
DE 2815130 B1 19790104; **DE 2815130 C2 19790830**; EP 0004564 A1 19791017; EP 0004564 B1 19820421; JP S54136676 A 19791023; US 4297664 A 19811027

DOCDB simple family (application)
DE 2815130 A 19780405; EP 79100667 A 19790306; JP 4151079 A 19790405; US 2451179 A 19790328