

Title (en)

Phase/neutral conductor circuit breaker with reduced space requirement.

Title (de)

Phasen- und Nulleiter-Leitungsschutzschalter mit reduziertem Platzbedarf.

Title (fr)

Disjoncteur électrique de phase et neutre à encombrement réduit.

Publication

EP 0505292 B1 19950830 (FR)

Application

EP 92420071 A 19920312

Priority

FR 9103474 A 19910320

Abstract (en)

[origin: EP0505292A1] A phase/neutral circuit breaker housed in a single casing of standard size is described. The separation partition (22) is located in the main in the middle plane of the casing (12), in particular between the terminals (36, 38; 32, 34) and the respective arc-extinction chambers of the first and second compartments (28, 30) for phase and for neutral. The bimetallic strip (40) extends fully into the first compartment (28) inside an extra space (72) confined by the lateral offset of the partition (22) projecting into the second compartment (30), the length of the space (72) in the longitudinal direction being slightly greater than the maximum distance of deflection of the bimetallic strip (40). The striker of the electromagnetic trip is located in the middle plane of the casing. <IMAGE>

IPC 1-7

H01H 71/00

IPC 8 full level

H01H 71/00 (2006.01); **H01H 71/02** (2006.01)

CPC (source: EP)

H01H 71/002 (2013.01); **H01H 71/0214** (2013.01)

Cited by

EP0849758A3; EP0599800A1; AU672641B2; EP1473750A1; CN100361254C; US7268651B2; WO2007135201A1; WO2007135200A1; WO2004097878A1; EP2048685B1

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