

Title (en)

Electric line-protection lock mechanism with differential function

Title (de)

Elektrischer Verriegelungsmechanismus zum Schutz einer Leitung mit Differentialfunktion

Title (fr)

Mécanisme de serrure électrique de protection de ligne à fonction différentielle

Publication

EP 2339606 B1 20120711 (FR)

Application

EP 09306325 A 20091224

Priority

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Abstract (en)

[origin: EP2339606A1] The mechanism has an adjustable core (22) acting on a ratchet (16) during triggering of the mechanism to break a link to allow reverse movement of a slider (4) solicited by a flange compression spring (19) toward the stop position, and return a button (7) in a trigger position under the effect of another flange compression spring (30). The link is provided between the ratchet and a reversible transformation mechanical system. The reverse movement of the slider and the return process of the button ensure the replacement of the system in a position to activate the link with the ratchet.

IPC 8 full level

H01H 36/00 (2006.01); **B60L 11/18** (2006.01); **H01R 13/703** (2006.01); **H02J 13/00** (2006.01); **H01R 105/00** (2006.01)

CPC (source: EP)

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