

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

EP 09306325 A 20091224

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

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CPC (source: EP)

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DOCDB simple family (publication)

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