

Title (en)  
Tripping mechanism and electrical installation device

Title (de)  
Auslösermechanismus und elektrische Anlagenvorrichtung

Title (fr)  
Mécanisme de déclenchement et dispositif d'installation électrique

Publication  
**EP 2940708 A1 20151104 (EN)**

Application  
**EP 14001524 A 20140430**

Priority  
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Abstract (en)  
The invention is about a tripping mechanism (1), which has a double-armed armature (2) that is rotatably mounted to a rotation axis (12), and which has driving means (3, 4) for driving the armature (2) to alternate between two stable positions, whereby each arm (2.1, 2.2) is provided with a contact arrangement (7', 8') that allows, by tripping operations of the driving means (3, 4), to connect pairs of phase contacts (5, 5'; 6, 6') in a closing position of the arm and to disconnect pairs of phase contacts (5, 5'; 6, 6') in an opening position of the arm. A first arm (2.1) of the armature is functionally coupled to a first electromagnetic driving unit (4), the second arm (2.2) of the armature is functionally coupled to a second electromagnetic driving unit (3), on activation of the first electromagnetic driving unit (4) the first arm (2.1) is rotated to its closing position and the second arm (2.2) is rotated to its opening position, on activation of the second electromagnetic driving unit (3) the second arm (2.2) is rotated to its closing position and the first arm (2.1) is rotated to its opening position, and that the tripping mechanism is provided with retaining means (13) which retain the first arm (2.1) in its closing position after deactivation of the first electromagnetic driving unit (4) and which retain the second arm (2.2) in its closing position after deactivation of the second electromagnetic driving unit (3).

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Citation (applicant)  
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Citation (search report)  
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