

Title (en)

Relay for a motor vehicle and method of manufacturing the same

Title (de)

Relais für ein Kraftfahrzeug und dazugehöriges Herstellungsverfahren

Title (fr)

Relais de véhicule automobile et procédé de fabrication associé

Publication

**EP 2752859 B1 20160713 (DE)**

Application

**EP 13195850 A 20131205**

Priority

DE 102013000245 A 20130108

Abstract (en)

[origin: EP2752859A1] The relay (10) comprises an electromagnet, an armature (18), and a damping element (32) attached to the electromagnet for reducing the kinetic energy generated during the movement of armature from open position to closed position. The damping element is designed such that the armature first impinges on the damping element, to deform the damping element, during movement from open position to closed position, and the armature and the electromagnet are set in contact with each other in the closed position. An independent claim is included for a manufacturing method of relay.

IPC 8 full level

**H01F 7/08** (2006.01); **H01H 50/16** (2006.01); **H01H 50/26** (2006.01); **H01H 50/30** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

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