

Title (en)

STARTER RELAY OF A STARTER DEVICE FOR INTERNAL COMBUSTION ENGINES

Title (de)

STARTRELAIS EINER STARTVORRICHTUNG FÜR BRENNKRAFTMASCHINEN

Title (fr)

RELAIS DE DÉMARRAGE D'UN DISPOSITIF DE DÉMARRAGE POUR MOTEURS À COMBUSTION INTERNE

Publication

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Application

**EP 10709730 A 20100322**

Priority

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Abstract (en)

[origin: WO2010108878A1] The invention relates to a starter relay (19) for internal combustion engines, comprising a relay coil (27) and an armature (20), which interacts with a fork lever (21) by way of a driver (24) so as to toe-in a starter pinion, and comprising a contact bridge (34) which is to be actuated by the armature by way of a switch axis (32) and interacts with switch contacts (23a), wherein a coupling (33b) connects the switch axis and the armature such that they can be displaced with respect to each other to a limited extent. In order to ensure that welded contacts tear open and the neutral position of the fork lever is achieved when the relay is shut off, a pretensioned compression spring (26) is inserted between the armature (20) and the end of the fork lever (21).

IPC 8 full level

**H01H 51/06** (2006.01)

CPC (source: EP US)

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- US 2004169573 A1 20040902 - ANDOH KAZUHIRO [JP], et al
- JP 2001323862 A 20011122 - DENSO CORP

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DOCDB simple family (publication)

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