

Title (en)  
RELAY

Title (de)  
RELAIS

Title (fr)  
RELAIS

Publication  
**EP 3785286 A1 20210303 (DE)**

Application  
**EP 19717826 A 20190410**

Priority  

- DE 102018109856 A 20180424
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Abstract (en)  
[origin: WO2019206635A1] The invention relates to a relay (100), comprising an armature (101) and a yoke (103) which can be electromagnetically coupled to the armature (101). The armature (101) lies flat at least partly on the yoke (103), and a receiving depression (105) is partly formed in the armature (101). The relay also comprises a bracket-shaped clamping spring (107) which surrounds the armature (101) and the yoke (103) on the end face in order to fix the armature (101) on the yoke (103). The bracket-shaped clamping spring (107) has a first clamping limb (109-1), which is arranged in the receiving depression (105), and a second clamping limb (109-2), which lies on the yoke (103). The first clamping limb (109-1) has an angled tab (111) which engages elastically into a recess (113) formed in the receiving depression (105) of the armature (101).

IPC 8 full level

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CPC (source: EP US)

**H01H 50/041** (2013.01 - EP); **H01H 50/043** (2013.01 - US); **H01H 50/18** (2013.01 - US); **H01H 50/36** (2013.01 - US); **H01H 50/042** (2013.01 - EP);  
**H01H 50/36** (2013.01 - EP); **H01H 2050/044** (2013.01 - EP US); **H01H 2050/046** (2013.01 - EP); **H01H 2050/367** (2013.01 - EP)

Citation (search report)

See references of WO 2019206635A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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JP 2021520028 A 20210812; JP 7014382 B2 20220201; US 11476067 B2 20221018; US 2021241988 A1 20210805;  
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