

Title (en)

BATTERY TERMINAL FOR RELIABLE ASSEMBLY

Title (de)

BATTERIEPOLKLEMME ZUR ZUVERLÄSSIGEN MONTAGE

Title (fr)

BORNE DE BATTERIE POUR ASSEMBLAGE FIABLE

Publication

EP 3352304 B1 20200909 (DE)

Application

EP 17209466 A 20171221

Priority

DE 102017000581 A 20170124

Abstract (en)

[origin: CN208820077U] A battery pole includes an axially conical ring portion, a clamping element, a screw element, a screw mating element, and a spring element, the inner diameter of the ring part is changed through the clamping of the clamping element; clamping is achieved through screwing connection of the screw element and the screw pairing element. wherein the clamping element is connected to and/or interacts with the screw element and the screw counterpart element, the clamping element, the screw element, and the screw counterpart element are designed and/or arranged such that, during operation of screwing in the closing direction, the screw counterpart element is screwed into the clamping element. the inner diameter of the ring part can be reduced; wherein the spring element is designed in such a way that it interacts with the screw element and/or the screw counter-element in such a way that the screw element and the screw counter-element are screwed together, a force acting about the axis of rotation of the screw element and/or the screw counterpart element is required, and a force acting on the spring element along the axis of rotation of the screw element and/or the screw counterpart element is also required.

IPC 8 full level

H01R 11/28 (2006.01)

CPC (source: EP)

H01R 11/283 (2013.01); **H01R 11/289** (2013.01)

Designated contracting state (EPC)

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