

Title (en)
VEHICLE BATTERY CABLE CLAMP

Title (de)
BATTERIE-KABELKLEMME FÜR FAHRZEUGE

Title (fr)
SERRE-CABLE POUR BATTERIE DE VEHICULE

Publication
EP 0882317 A1 19981209 (DE)

Application
EP 97903340 A 19970220

Priority
• DE 19606448 A 19960221
• EP 9700813 W 19970220

Abstract (en)
[origin: US6171121B1] In a battery cable clamp for vehicles with a mounting device for a cable end, in which two clamp parts (2,4) are connected together in an electrically conducting fashion by a pressed connection that can be broken with a high separating force by an auxiliary drive, the pressed connection is composed of a conical contact surface. An explosive capsule (3) may be used to provide the separating forces. A plastic sleeve (18,18') may be used to control travel of the expelled clamp part and to prevent accidental reengagement. The explosive capsule may be part of the battery clamp (8) or part of the battery lead (5).

IPC 1-7
H01R 11/28; **H01R 13/637**

IPC 8 full level
H01H 39/00 (2006.01); **H01R 4/50** (2006.01); **H01R 11/28** (2006.01); **H01R 13/637** (2006.01)

CPC (source: EP US)
H01H 39/00 (2013.01 - EP US); **H01R 4/50** (2013.01 - EP US); **H01R 11/287** (2013.01 - EP US); **H01H 2001/5877** (2013.01 - EP US); **H01H 2039/008** (2013.01 - EP US)

Citation (search report)
See references of WO 9731406A1

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US 6171121 B1 20010109; AR 005925 A1 19990721; AT E184733 T1 19991015; DE 19606448 A1 19970828; DE 59700441 D1 19991021; EP 0882317 A1 19981209; EP 0882317 B1 19990915; ES 2137049 T3 19991201; WO 9731406 A1 19970828; ZA 971476 B 19970828

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