

Title (en)

EXTERNALLY CONTROLLED IGNITION UNIT WITH INTEGRATED ELECTRONIC SYSTEM FOR TRIGGERING A RESTRAINT SYSTEM

Title (de)

EXTERN ANSTEUERBARE ANZÜNDEINHEIT MIT INTEGRIERTER ELEKTRONIK ZUM AUSLÖSEN EINES RÜCKHALTESYSTEMS

Title (fr)

UNITE D'AMOR AGE POUVANT ETRE COMMANDEE DE L'EXTERIEUR, COMPORTANT UN DISPOSITIF ELECTRONIQUE INTEGRE ET PERMETTANT DE DECLANCHER UN SYSTEME DE RETENUE

Publication

EP 1105692 A1 20010613 (DE)

Application

EP 99941475 A 19990729

Priority

- DE 19836278 A 19980811
- EP 9905420 W 19990729

Abstract (en)

[origin: WO0009964A1] The invention relates to an ignition unit (1) suitable for triggering an active system, such as an airbag or safety belt. The ignition unit comprises an ignition charge (7) located in a housing (2), which can be fired by means of an ignition bridge (6) positioned on a support element (5), as well as at least one contact pin (13a, 13b, 13c) which protrudes from the housing (2) and via an electronic ignition system (9) is electrically connected to the ignition bridge (6). The electronic ignition system (9) is surrounded by an envelope (10) made of a shock-absorbing material. The ignition bridge (6) is not covered by the envelope (10) so that during ignition the pressure exerted on the electronic ignition system (9) is cushioned. This prevents damage to the sensitive electronic components of the electronic ignition system (9) situated on the support element (5).

IPC 1-7

F42B 3/13

IPC 8 full level

F42B 3/12 (2006.01)

CPC (source: EP US)

F42B 3/121 (2013.01 - EP US)

Citation (search report)

See references of WO 0009964A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0009964 A1 20000224; DE 19836278 A1 20000330; DE 19836278 C2 20000720; EP 1105692 A1 20010613; US 6601514 B1 20030805

DOCDB simple family (application)

EP 9905420 W 19990729; DE 19836278 A 19980811; EP 99941475 A 19990729; US 76253401 A 20010705