

Title (en)

PYROTECHNIC IGNITION ELEMENT WITH INTEGRATED ELECTRONIC SYSTEM, FOR TRIGGERING A RESTRAINT SYSTEM

Title (de)

PYROTECHNISCHES ANZÜNDELEMENT MIT INTEGRIERTER ELEKTRONIK, ZUM AUSLÖSEN EINES RÜCKHALTESYSTEMS

Title (fr)

DISPOSITIF D'AMOR AGE PYROTECHNIQUE A DISPOSITIF ELECTRONIQUE INTEGRE, PERMETTANT DE DECLENCHER UN SYSTEME DE RETENUE

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Application

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Abstract (en)

[origin: WO0009366A1] The invention relates to an ignition system (1), notably for triggering a restraint system, comprising an active part (18) with a housing (2) which contains an ignition charge (7), an ignition bridge (6) for igniting the ignition charge (7) and at least one contact element (11) which protrudes from a lead-through base (9) and is connected to the ignition bridge (6) such that an ignition current can be applied; as well as a separate electronic part (19) which has an electronic ignition system (14) for providing an ignition current. The lead-through base (9) of the active part (18) is immovably fixed to the housing (2) in a sealing manner and the housing (2) extends above the lead-through base (9) of the active part (18) so that the electronic part (19) can be inserted into the housing (2) as an independently mountable unit. On insertion the electronic part (19) is electrically connected to the active part (18) via contact elements (11, 17).

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