

Title (en)  
DEVICE FOR DETECTING ABSENCE OF MECHANICAL BARRIER FOR A MISSILE AND MISSILE COMPRISING SUCH A DEVICE

Title (de)  
VORRICHTUNG ZUR ERKENNUNG DES FEHLENS EINER MECHANISCHEN BARRIERE FÜR EINEN FLUGKÖRPER UND FLUGKÖRPER MIT EINER SOLCHEN VORRICHTUNG

Title (fr)  
DISPOSITIF DE DÉTECTION D'ABSENCE DE BARRIÈRE MÉCANIQUE POUR UN MISSILE ET MISSILE COMPORTANT UN TEL DISPOSITIF

Publication  
**EP 3910280 B1 20220727 (FR)**

Application  
**EP 21165132 A 20210326**

Priority  
FR 2004527 A 20200512

Abstract (en)  
[origin: WO2021229158A1] - The device (1) for detecting the absence of a mechanical barrier for a missile (M) comprises a rod (5) constrained by a first elastic element (7) and provided with a free end (5a) capable of coming into contact with the mechanical barrier (2), a cam (8) constrained by a second elastic element (9), the rod (5) and the cam (8) being configured such that the rod (5) can assume one or more of the following positions: an initial entry position wherein the rod (5) is held in a stable position between the cam (8) and the mechanical barrier (2), an extended position wherein the rod (5) is moved by the cam (8) in the direction (E) of the free end (5a) in the absence of the mechanical barrier (2), and a final entry position wherein the rod (5) is acted upon by the first elastic element (7) after the rod (5) has been released by the cam (8) once the rod (5) has completely entered the missile (M) in said final entry position so as to no longer present a danger to its environment or a hindrance to the proper functioning of the missile (M).

IPC 8 full level  
**F41F 3/052** (2006.01); **F42C 15/00** (2006.01); **F42B 15/00** (2006.01)

CPC (source: EP IL US)  
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