

Title (en)

PROTECTION DEVICE, INSTALLATION COMPRISING THE PROTECTION DEVICE AND VEHICLE COMPRISING SAID INSTALLATION

Title (de)

SCHUTZVORRICHTUNG, ANLAGE MIT DER SCHUTZVORRICHTUNG UND FAHRZEUG MIT DIESER ANLAGE

Title (fr)

DISPOSITIF DE PROTECTION, INSTALLATION COMPRENANT LE DISPOSITIF DE PROTECTION ET VÉHICULE COMPRENANT LADITE INSTALLATION

Publication

EP 4183453 A1 20230524 (EN)

Application

EP 21306621 A 20211122

Priority

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Abstract (en)

The invention concerns a protection device (22) configured to be in fluid communication with a combustible fluid (26), the protection device (22) comprising:- a first stage (34), the first stage (34) comprising a protection device inlet (22A), a burner (42) and at least one oxidizing fluid intake (40) in fluid communication with the burner (42), the burner (42) being configured to combust at least in part the combustible fluid (26) with an oxidizing fluid (46) and to eject combustion products (52E) and/or at least one flame (54E), and- a second stage (36), the second stage (36) comprising a protection device outlet (22B) and at least one Tesla valve, the Tesla valve being configured to receive the ejected combustion products (52E) and/or the ejected flame (54E) and to process said ejected combustion products (52E) and/or said ejected flame (54E).

IPC 8 full level

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- [XY] CN 214502119 U 20211026 - SHENMU CALCIUM CARBIDE ENERGY DEV CO LTD
- [YA] EP 3896329 A1 20211020 - ALSTOM TRANSP TECH [FR]

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