

Title (en)

DEVICE FOR EQUALIZING PRESSURE SURGES IN CLOSED SYSTEMS, SUCH AS SILOS OR THE LIKE

Title (de)

VORRICHTUNG ZUM AUSGLEICH VON DRUCKSTÖßEN IN GESCHLOSSENEN SYSTEMEN, WIE SILOS ODER DGL.

Title (fr)

DISPOSITIF POUR COMPENSER DES CHOCS DE PRESSION DANS DES SYSTÈMES FERMÉS, COMME DES SILOS OU ANALOGUES

Publication

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Application

EP 07846830 A 20071127

Priority

- EP 2007010265 W 20071127
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Abstract (en)

[origin: CA2670713A1] With a device (1) for equalizing pressure surges in cases of possible dust or gas explosions in closed systems, such as silos, pipelines or the like, comprising a hinged cover (3) which can be pivoted on an outlet connection or a closing edge (2) and has a smooth outer surface (12) and comprising a deflecting plate (8) on the outlet connection or on the closing edge (2) for the cover (3) to strike against in the event of an explosion, it is intended to achieve not only cost-effective production but also in particular a significant weight saving of the hinged cover, quick changing of the cover in the case of damage, or quick fitting of the cover in the first instance, and an improvement in the protective effect of the system. This is achieved by the hinged cover (3) being made of a carbon/glass-fibre material.

IPC 8 full level

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CPC (source: EP KR US)

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