

Title (en)

DEVICE FOR EXPLOSION DECOUPLING OF TWO SYSTEM PARTS

Title (de)

VORRICHTUNG ZUR EXPLOSIONSTECHNISCHEN ENTKOPPLUNG ZWEIER ANLAGENTEILE

Title (fr)

DISPOSITIF DE DÉCOUPLAGE PYROTECHNIQUE DE DEUX PARTIES D'INSTALLATION

Publication

**EP 2855988 A1 20150408 (DE)**

Application

**EP 13718526 A 20130412**

Priority

- DE 102012104526 A 20120525
- EP 2013057650 W 20130412

Abstract (en)

[origin: WO2013174574A1] The invention relates to a device for explosion decoupling of two system parts. According to the invention, explosive powders can be supplied to a container of a second system part from a first system part in an air stream via a pipeline (3). A non-return flap (8) is provided in one of the pipe elements (9) integrated in the pipeline (3). The non-return flap (8) is opened by the air stream and, in the event of an explosion in the container, closed by the occurring explosive pressure. In the closed position, the non-return flap (8) contacts a stop (11) in the pipe element (9). A locking device (12) is provided on the outside of the pipe element (9) by means of which the non-return flap (8) is secured in the closed position.

IPC 8 full level

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CPC (source: EP US)

**B65G 53/04** (2013.01 - US); **B65G 53/58** (2013.01 - US); **F16K 15/03** (2013.01 - EP US); **F16K 17/164** (2013.01 - EP US)

Citation (search report)

See references of WO 2013174574A1

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