

Title (en)

Method and device for at least partially sealing a cavity, and apparatus, in particular for repairing equipment having such a device built therein

Title (de)

Verfahren und Vorrichtung zur zumindest teilweisen Versiegelung einer Kavität und Vorrichtung, insbesondere zum reparieren eines Geräts mit einer derartigen integrierten Vorrichtung

Title (fr)

Procédé et dispositif d'obturation au moins partielle d'une cavité, installation, notamment pour la réparation d'engin intégrant un tel dispositif

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Application

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Abstract (en)

[origin: WO2011121221A1] The invention relates to a device for at least partially sealing a cavity (1), said device including at least one element (3) for sealing the opening of the cavity (1). A supporting frame (2) of said sealing element (3) is in the form of an elongate body for positioning the sealing element (3) in or near the cavity (1). Said sealing element (3) is in the form of an inflatable air mattress (3) that is provided with a means (4) for drawing said air mattress back into the more compact configuration in which said air mattress is rolled up around one (3b) of the free edges thereof and forms a spiraling roll. Said free rolling edge (3b) of the mattress (3) is formed of the mattress edge opposite the connecting edge (3a) of the mattress (3) on the supporting frame (2). Said device also comprises at least one arm (5) for supporting said mattress (3) during the transition from the more compact rolled-up configuration to the less compact unrolled configuration. Said support arm (5) is movably mounted between a stowed position, in which it extends in a manner substantially parallel to the axis for rolling up the mattress (3), and a working position, wherein said arm extends in a manner transverse to said rolling-up axis.

IPC 8 full level

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