

Title (en)

DOME LID ASSEMBLY, TANK, TANK VEHICLE, METHOD OF PREVENTING THE OPENING OF A DOME LID

Title (de)

DOMDECKELANORDNUNG, TANK, TANKFAHRZEUG, VERFAHREN ZUR VERHINDERUNG DER ÖFFNUNG EINES DOMDECKELS

Title (fr)

ENSEMBLE DE COUVERCLE EN DÔME, RÉSERVOIR, VÉHICULE-CITERNE, PROCÉDÉ POUR EMPÊCHER L'OUVERTURE D'UN COUVERCLE EN DÔME

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020160792A1] The present invention relates to a dome cover assembly for automatically opening and closing a through-opening. The problem addressed by the present invention is that of providing a dome cover assembly, the dome cover ensuring that opening of the dome cover is prevented when there is pressure in the tank, and the dome cover assembly in particular not requiring any extension into the tank. Said problem is solved by means of a dome cover assembly, which comprises, on at least one first element from among the cover and the flange, at least one reach-around element, the at least one reach-around element of the cover and/or the at least one reach-around element of the flange being designed in each case to at least partially enclose, in the first rotational position, the other element from among the cover and the flange, on which said at least one reach-around element is not arranged, on the side facing away from the first element. The other element from among the cover and the flange has a recess toward the first element on the side facing away from the first element, the at least one reach-around element and the recess being designed and arranged in such a way that, in the first rotational position, the reach-around element engages behind the recess in a first distanced position of the cover and the flange and in such a way that, in the first rotational position, the reach-around element does not engage behind the recess in a second closer position of the cover and the flange.

IPC 8 full level

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