

Title (en)
TANK FOR CONTAINING DEEP-FROZEN LIQUIDS

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Application
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Abstract (en)
[origin: US4492087A] A container is disclosed for storing refrigerated liquids, in particular for liquefied gases, which comprises a steel reinforced concrete outer container and a steel inner container inserted into the outer container, where the steel inner container rests on an insulation and where an annular interspace is present between the outer circumference of the inner steel container and the inner circumference of the outer container. The interspace can be fully or in part of its thickness filled with insulating materials. In order to prevent the liquid pouring in a gush into the interspace and causing locally high loads acting on the steel reinforced concrete container upon a cracking of the steel inner container, several gush braking bodies protruding into the interspace are disposed at the inner circumference of the outer container and/or at the outer circumference of the inner steel container, which bodies extend in radial direction about one third of the width of the interspace, and which preferably reach only to about two thirds of the total height of the interspace and which according to a preferred embodiment are provided with a triangular cross-section.

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