

Title (en)  
MULTI-LAYERED RADIATION PROTECTION WALL AND RADIATION PROTECTION CHAMBER

Title (de)  
MEHRSCHICHTIGE STRAHLENSCHUTZWAND UND STRAHLENSCHUTZKAMMER

Title (fr)  
PAROI ANTI-RAYONNEMENT MULTICOUCHE ET CHAMBRE ANTI-RAYONNEMENT

Publication  
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Application  
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Abstract (en)  
[origin: US2008308754A1] The invention relates to a multi-layered radiation protection wall for shielding against the gamma and/or the particle radiation of a reaction site on an accelerator facility, wherein the radiation protection wall comprises a sandwich-like structure with at least a first and a second layer arrangement, wherein the first layer arrangement has at least a primary shielding layer and the second layer arrangement has at least a secondary shielding layer. Thereby, at least one of the first and the second layer arrangement is sub-divided into a plurality of partial sections, whereby a selected disposal is made possible. Thus an increased cost efficiency is achieved and the environmental impact is lowered.

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