

Title (en)

MULTI-LAYERED RADIATION PROTECTION WALL AND RADIATION PROTECTION CHAMBER

Title (de)

MEHRSCICHTIGE STRAHLENSCHUTZWAND UND STRAHLENSCHUTZKAMMER

Title (fr)

PAROI ANTI-RAYONNEMENT MULTICOUCHE ET CHAMBRE ANTI-RAYONNEMENT

Publication

EP 1831896 B1 20101117 (DE)

Application

EP 05819499 A 20051119

Priority

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- DE 102004063732 A 20041229

Abstract (en)

[origin: EP2204820A1] The multi-layered radiation protection wall (110) for the screening of gamma and/or particle radiation consists of a sandwich construction of at least one first (120) and second (130) layer arrangement, whereby the first layer arrangement has at least one primary screening layer (122,124) and the second layer arrangement has at least one secondary screening layer (132,134,136). At least one of first and second layer arrangements is divided into a number of sub-sections (7-12; 13-16). An independent claim is included for a radiation protection chamber (1) for a reaction platform on a particle accelerator and which is equipped with the aforesaid multi-layered radiation protection wall.

IPC 8 full level

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CPC (source: EP US)

G21F 1/12 (2013.01 - EP US); **G21F 3/00** (2013.01 - EP US); **G21F 3/04** (2013.01 - EP US); **G21F 7/00** (2013.01 - EP US)

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