Title (en)
BEAM PROTECTING ELEMENT, BEAM PROTECTING ARRANGEMENT AND METHOD

Title (de)
STRAHLENSCHUTZELEMENT, STRAHLENSCHUTZANORDNUNG UND -VERFAHREN

Title (fr)
ÉLÉMENT DE PROTECTION CONTRE LES RAYONNEMENTS, ARRANGEMENT ET PROCÉDÉ DE PROTECTION CONTRE LES RAYONNEMENTS

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EP 2276605 A1 20110126 (DE)

Application
EP 09727748 A 20090401

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Abstract (en)
[origin: WO2009121907A1] The present invention provides a beam protecting element, a beam protecting arrangement and a beam protecting method for providing protection from the emission of beams from a space, in particular for providing protection from laser beams emitted from a space. The beam protecting elements comprise a chamber (I2; I2'''; I2''''), which is surrounded on all sides by a wall (W2; W2', W2''; W2'''; W2'''') that can be perforated by the beams (ST'). A recording device (S1-S4; SP; S1a-S4a) is provided in the chamber (I2; I2'''; I2'''') for recording a change in a physical variable (STR; P'; SP) in the chamber (I2; I2'''; I2'''') that is obtained after a perforation (P) of the wall (W2; W2', W2''; W2'''; W2'''') by the beams (ST') and for producing a corresponding output signal (L1-L4; LSP; L1a-L4a) that is available for initiating a protective measure outside the chamber (I2; I2'''; I2''''). The physical variable (STR; P'; SP) is different from the beams (ST').

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