

Title (en)
TWO-DIMENSIONAL-EFFECTIVE ANTI-SCATTER GRID

Title (de)
ZWEIDIMENSIONAL ANTISTREUGITTER

Title (fr)
GRILLE ANTI-DIFFUSANTE BIDIMENSIONNELLE

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Application
EP 22165856 A 20220331

Priority
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Abstract (en)
The present invention provides a two-dimensional-effective anti-scatter grid (ASG). The anti-scatter grid comprises a plurality of septa walls (131). Thereby, each septa wall (131) comprises a continuous, X-ray opaque material strip having formed along its elongated extension a profiled structure with alternating peaks and valleys. Further, the plurality of septa walls (131) is stacked with commonly extending profiled structures facing each other to form a two-dimensional grid in which the peaks of one of two adjacent septa walls (131) at least approach or reach an imaginary line extending through the valleys of the other of the two adjacent septa walls (131), or overlap with the valleys of the other of the two adjacent septa walls (131). And, the profiled structures and/or the septa walls (131) of the two adjacent septa walls (131) complement each other to block ray paths along the profiled structure and in at least one further direction transverse thereto.

IPC 8 full level
G21K 1/02 (2006.01)

CPC (source: EP)
G21K 1/025 (2013.01)

Citation (search report)
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