

Title (en)

A SCREEN PANEL FOR MOUNTING ON A SCREEN DECK AND SCREENING BULK MATERIALS

Title (de)

SIEBPLATTE ZUR MONTAGE AUF EINEM SIEBDECK UND ZUM SIEBEN VON SCHÜTTGÜTERN

Title (fr)

PANNEAU DE CRIBLAGE À MONTER SUR UNE SURFACE CRIBLANTE ET MATÉRIAUX DE CRIBLAGE EN VRAC

Publication

EP 4101549 A1 20221214 (EN)

Application

EP 21177951 A 20210607

Priority

EP 21177951 A 20210607

Abstract (en)

A screen panel (10) for mounting on a screen deck frame and screening bulk materials, the screening panel comprising a panel housing having an upper surface (32) and a lower surface (33) and a plurality of apertures extending through the panel arranged in a grid array having at least three rows of apertures and at least three columns of apertures, wherein the apertures comprise first apertures (2) defining a first aperture size (5) and second apertures (2') defining a second aperture size (8) that is smaller than the first aperture size. The second apertures (2') comprise a first aperture section (12) defining the second aperture size (8) and one or more second aperture sections (13) defining a third aperture size (9) that is smaller than the second aperture size. The first apertures (2) have a regular 4-sided polygon shape and the second apertures (2') have a regular n-sided polygon shape where $n \geq 6$, and the first aperture section (12) and second aperture section (13) of the second apertures (2') have a regular 4-sided polygon shape.

IPC 8 full level

B07B 1/46 (2006.01)

CPC (source: EP)

B07B 1/4645 (2013.01); **B07B 1/469** (2013.01)

Citation (search report)

- [A] EP 0036858 A1 19811007 - STEINHAUS GMBH [DE]
- [A] US 2005061899 A1 20050324 - LANGWORTHY NELSON C [US]
- [A] US 2315651 A 19430406 - PETERSON CLARENCE H

Designated contracting state (EPC)

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