

Title (en)
PREASSEMBLED STRUCTURAL IMPACT PANEL

Title (de)
VORMONTIERTE STRUKTUR-AUFPRALLPLATTE

Title (fr)
PANNEAU RÉSISTANT AUX CHOCS STRUCTUREL PRÉ-ASSEMBLÉ

Publication
EP 4323596 A1 20240221 (EN)

Application
EP 21937152 A 20210414

Priority
US 2021027253 W 20210414

Abstract (en)
[origin: WO2022220820A1] An impact resistant panel used to replace spandrel glass panels or aluminum panels in structures that uses an impact resistant interlayer to fuse two porcelain layers together. The panel of the present invention is a three-layered panel formed by fusing a first rolled porcelain layer, an impact resistant interlayer and a second rolled porcelain layer. The impact resistant interlayer is melted into the pores of the porcelain layers to create an integral porcelain panel that can be used as structural elements or small, medium, and large dimensions while having impact resistant qualities.

IPC 8 full level
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