

Title (en)

Embossed sheet having a repetitive pattern, and engraved cylinder for manufacturing embossed sheets

Title (de)

Geprägtes Blech mit sich wiederholender Struktur, gravierter Zylinder zur Herstellung des geprägten Blechs

Title (fr)

Feuille gaufrée dotée d'un motif répétitif, et cylindre gravé pour la fabrication de feuilles gaufrées

Publication

EP 2316590 B1 20120530 (EN)

Application

EP 09013567 A 20091028

Priority

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Abstract (en)

[origin: EP2316590A1] An embossed sheet with a repetitive pattern has a plurality of pattern units. Each pattern unit comprises one or more raised elongated reliefs, an elongated relief having a length along a major axis and a width smaller than the length along a minor axis perpendicular to the major axis. The pattern units include first pattern units (PU1) having first elongated reliefs (R1) having the major axis parallel to a first direction (D1), and second pattern units (PU2) having second elongated reliefs (R2) having the major axis parallel to a second direction (D2) oriented traverse to the first direction, wherein a first pattern unit is surrounded by an even number of identical second pattern units. An angle between the first direction (D1) and the second direction (D2) is between 50° and 75°. The embossed sheets have excellent anti-slippage properties combined with low noise generation in use, good wear resistance and relatively low weight.

IPC 8 full level

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CPC (source: EP)

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Cited by

FR3133770A1; WO2023180663A1; WO2022074320A1; FR3114983A1

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