

Title (en)

Improved apparatus for imparting visual surface effects to relatively moving materials.

Title (de)

Vorrichtung zum Herstellen von visuellen Effekten auf den Oberflächen bewegender Materialien.

Title (fr)

Appareil pour créer des effets visuels de surface sur des matériaux en déplacement.

Publication

EP 0059029 A1 19820901 (EN)

Application

EP 82300329 A 19820122

Priority

- US 22782881 A 19810123
- US 22783881 A 19810123

Abstract (en)

The material 12 to be patterned is moved past an elongated manifold 56 formed by plates 102 and 104 clamped together with a shim plate 116 and comb like shim plate 112 therebetween providing channels for hot air to flow out onto the material 12. The manifold 56 is clamped by clamps 58 onto a larger manifold 54 into which the hot air is fed through pipes 46 at intervals along its length. The air flows across the larger manifold in a first direction, through passages 86 and an outlet slot 88 and thence through one point 104 of the smaller manifold. The flow through the smaller manifold is at right angles to the flow through the larger manifold whereby distortions and pattern disturbances arising from thermal gradients are reduced.

IPC 1-7

D06C 23/00

IPC 8 full level

D06C 23/00 (2006.01)

CPC (source: EP)

D06C 23/00 (2013.01)

Citation (search report)

- [APD] GB 2065035 A 19810624 - MILLIKEN RES CORP
- [A] US 3635625 A 19720118 - VOSS RAYMOND G
- [A] US 3729784 A 19730501 - MAZZONE C, et al
- [AD] US 3613186 A 19711019 - MAZZONE CHARLES P, et al

Cited by

EP0121290A1; EP0120709A3; FR2543588A1; CH669493GA3; US7183231B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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