

Title (en)

METHOD AND APPARATUS FOR PRINTING CARPET TILES

Publication

EP 0203792 A3 19880720 (EN)

Application

EP 86303933 A 19860523

Priority

- US 73816885 A 19850524
- US 82862786 A 19860210

Abstract (en)

[origin: EP0203792A2] An apparatus for accurate, precise and successive registration, indexing and printing of individual precut backed carpet tiles includes a central control and transport mechanism (20) and a plurality of tile processing stations (30, 40, 50) adjacent one another and surrounding the central control and transport mechanism. A plurality of tile carriers (21) are movably and sequentially carried by the central control mechanism (20) for sequentially carrying individual carpet tiles to one or more of the processing stations. The processing stations comprise a tile registration station (30), a printing station (40) and a tile unloading station (50). The apparatus also includes a steamer for fixing printed colorant on carpet tiles, a vacuum device for removing excess moisture from carpet tiles and a dryer for drying the carpet tiles.

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CPC (source: EP)

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Citation (search report)

- [Y] EP 0101754 A1 19840307 - MITTER MATHIAS
- [Y] US 3854398 A 19741217 - MARTIN M
- [Y] US 4165547 A 19790828 - PARLIN DAVID B [US], et al
- [A] US 2609747 A 19520909 - SCHWARTZ SHEPARD B, et al
- [A] WO 8000145 A1 19800207 - VIDALIS T
- [A] DE 1815981 A1 19700702 - ALBERT SCHNELLPRESSEN
- [A] AT 318529 B 19741025 - ZIMMER PETER
- [A] CH 439198 A 19670715 - REGGIANI SPA [IT]

Cited by

EP0870606A3; FR2661131A1; US5136938A; CN113858794A; US6439370B1; WO0125011A1

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