

Title (en)

Patterned carpet and method for producing it

Title (de)

Bemusterter Teppich sowie Verfahren zu dessen Herstellung

Title (fr)

Tapis à dessins et son procédé de fabrication

Publication

EP 1728911 A1 20061206 (EN)

Application

EP 06017400 A 20010612

Priority

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- US 21129500 P 20000613
- US 24117000 P 20001017
- US 87691201 A 20010608

Abstract (en)

The Invention is directed to a method of producing a woven flooring product (1), comprising the steps of: i) providing a woven substrate (2) woven with yarns which are (a) all white or naturally colored with no dye applied, (b) pre-dyed with a single or multiple color(s), or (c) chemically or physically treated to absorb dyes differently in selected, random or arbitrary areas of the woven substrate, ii) jet dyeing a design or pattern (3) on the woven substrate (2), wherein the DPI, defined as number of dots per 6.45 cm 2 (1 square inch), of the applied design or pattern (3) is greater than the DPI, defined as [rows per 2.54 cm (1 inch)] x [picks per 2.54 cm (1 inch)] of the woven substrate (2), and iii) cutting or forming the jet dyed woven substrate (2) into a completed flooring product (1). Also, the invention concerns a cut or formed woven completed flooring product (1), comprising the woven substrate (2) and a design or pattern (3) provided thereon.

IPC 8 full level

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CPC (source: EP)

D06B 11/0056 (2013.01); **D06B 11/0089** (2013.01)

Citation (applicant)

- US 6162748 A 20001219 - SCHILLING LEE HILTON [US], et al
- US 4522857 A 19850611 - HIGGINS KENNETH B [US]
- US 5540968 A 19960730 - HIGGINS KENNETH B [US]
- US 6203881 B1 20010320 - HIGGINS KENNETH BENJAMIN [US]

Citation (search report)

- [X] GB 1448620 A 19760908 - DEERING MILLIKEN RES CORP
- [A] GB 2187419 A 19870909 - DAWSON ELLIS LTD
- [A] WO 8101161 A1 19810430 - OTTING B
- [A] DE 2412030 A1 19751016 - ARTOS MEIER WINDHORST KG
- [A] WO 8000145 A1 19800207 - VIDALIS T
- [A] DE 2733697 A1 19780316 - CHAMPION INT CORP

Cited by

EP1985739A3; EP2343407A3; US8082057B2

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