

Title (en)  
Tufted carpet.

Title (de)  
Tufting-Teppich.

Title (fr)  
Tapis tufté.

Publication  
**EP 0508287 A1 19921014 (DE)**

Application  
**EP 92105586 A 19920401**

Priority  
DE 4111455 A 19910409

Abstract (en)  
The invention relates to a tufted carpet which comprises a tufting material, a pile material and a carpet backing and essentially exclusively comprises nylon 6. The use of a chemically uniform material in all components of the tufted carpet allows the entire carpet to be recycled for recovery of the monomer starting material without separation into the individual components being necessary, which has hitherto prevented the recycling of tufted carpets and has resulted in considerable waste disposal problems.

Abstract (de)  
Beschrieben wird ein Tufting-Teppich, der einen Tuftinggrund, ein Polmaterial und einen Teppichrücken umfaßt und im wesentlichen ausschließlich aus Polyamid 6 besteht. Durch die Verwendung eines chemisch einheitlichen Materials in allen Komponenten des Tufting-Teppichs kann dieser insgesamt einem Recycling zur Rückgewinnung des monomeren Ausgangsmaterials unterworfen werden, ohne daß eine Auftrennung in die einzelnen Komponenten erforderlich ist, was bisher das Recycling von Tufting-Teppichen verhindert und zu großen Abfallbeseitigungsproblemen geführt hat.

IPC 1-7  
**D05C 17/02**

IPC 8 full level  
**A47G 27/02** (2006.01); **D04H 11/00** (2006.01); **D05C 17/02** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP KR US)  
**D04G 3/00** (2013.01 - KR); **D05C 17/02** (2013.01 - EP US); **D06N 7/0076** (2013.01 - EP US); **D06N 7/0081** (2013.01 - EP US); **D06N 2201/0263** (2013.01 - EP US); **D06N 2203/065** (2013.01 - EP US); **D06N 2205/06** (2013.01 - EP US); **D06N 2205/10** (2013.01 - EP US); **D06N 2211/06** (2013.01 - EP US); **D06N 2213/02** (2013.01 - EP US); **Y10T 428/23979** (2015.04 - EP US); **Y10T 428/23986** (2015.04 - EP US); **Y10T 428/23993** (2015.04 - EP US)

Citation (search report)

- [Y] DE 1685159 A1 19710916 - SCHNEIDER KG WEBEREI
- [Y] EP 0030126 A1 19810610 - DON BROTHERS BUIST & COMPANY L [GB]
- [A] DE 2659139 A1 19780706 - DLW AG
- [A] BE 697121 A 19671002
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 330 (C-741)16. Juli 1990 & JP-A-2 118 185 ( TOPPAN PRINTING CO LTD ) 2. Mai 1990

Cited by  
US5626912A; WO9632528A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)  
**US 5494723 A 19960227**; AT E142720 T1 19960915; AU 1397292 A 19921015; AU 652618 B2 19940901; BR 9201260 A 19921201; CA 2065683 A1 19921010; CN 1030783 C 19960124; CN 1067459 A 19921230; CS 108592 A3 19921014; DE 4111455 C1 19920723; DE 59207082 D1 19961017; DK 0508287 T3 19960930; EP 0508287 A1 19921014; EP 0508287 B1 19960911; ES 2091969 T3 19961116; GR 3021067 T3 19961231; HR P920068 A2 19950831; IL 101440 A0 19921115; IL 101440 A 19960618; JP H05214663 A 19930824; KR 920019993 A 19921120; MX 9201620 A 19921001; NZ 242194 A 19950427; PL 169756 B1 19960830; PL 294129 A1 19921019; RO 109565 B1 19950330; RU 2085638 C1 19970727; SI 9200045 A 19930331; TR 26194 A 19950215; TW 221469 B 19940301; YU 37092 A 19940909; YU 48261 B 19970930

DOCDB simple family (application)  
**US 19473094 A 19940210**; AT 92105586 T 19920401; AU 1397292 A 19920401; BR 9201260 A 19920408; CA 2065683 A 19920409; CN 92102969 A 19920409; CS 108592 A 19920409; DE 4111455 A 19910409; DE 59207082 T 19920401; DK 92105586 T 19920401; EP 92105586 A 19920401; ES 92105586 T 19920401; GR 960402435 T 19960918; HR P920068 A 19920407; IL 10144092 A 19920331; JP 11540592 A 19920408; KR 920005798 A 19920408; MX 9201620 A 19920408; NZ 24219492 A 19920401; PL 29412992 A 19920407; RO 92200484 A 19920408; SI 9200045 A 19920402; SU 5011212 A 19920408; TR 33992 A 19920409; TW 81103987 A 19920521; YU 37092 A 19920408