

Publication

**EP 0843801 A4 19980708 (EN)**

Application

**EP 96927342 A 19960808**

Priority

- US 9612864 W 19960808
- US 209195 P 19950810

Abstract (en)

[origin: WO9706393A1] Bulking unbulked nylon carpet (55) having a pile side and a backing side is accomplished by heating the carpet to between 90 and 150 DEG C, then cooling the carpet to a temperature below 60 DEG C. Heating is accomplished by directing heated fluid at the pile side, or both the pile side and the backing side. The heating oven comprises an enclosure (42); tenter clip loop (44) and opposed loop (46) driven by motors (48 and 50), respectively; a plurality of nozzles (52, 54); return inlet (56), blower (58) and a header (59) for circulating gaseous fluids through the nozzles; dampers (60, 62 and 64) and a heat exchanger (65) for heating or cooling the circulating fluid.

IPC 1-7

**F26B 19/00**

IPC 8 full level

**F26B 13/10** (2006.01)

CPC (source: EP)

**F26B 13/10** (2013.01)

Citation (search report)

- [Y] US 4301577 A 19811124 - MUELLER HELMUT C, et al
- [Y] US 3739483 A 19730619 - MEIER WINDHORST C
- [A] US 3629953 A 19711228 - FLEMING MYRON T
- [A] US 4005979 A 19770201 - BROCK JAMES DONALD
- [A] US 3806310 A 19740423 - BROCK J
- [A] DE 1785689 A1 19760205 - VEPA AG
- See references of WO 9706393A1

Designated contracting state (EPC)

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**WO 9706393 A1 19970220**; AU 6719996 A 19970305; EP 0843801 A1 19980527; EP 0843801 A4 19980708

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