

Title (en)

ABRASIVE FILAMENTS WITH IMPROVED STIFFNESS AND INDUSTRIAL BRUSHES COMPRISING THE SAME AND USES THEREOF

Title (de)

SCHLEIFMITTELFILAMENTE MIT VERBESSERTER STEIFIGKEIT, INDUSTRIELLE BÜRSTEN DAMIT UND VERWENDUNGEN DAVON

Title (fr)

FILAMENTS ABRASIFS PRÉSENTANT UNE RIGIDITÉ AMÉLIORÉE ET BROSSES INDUSTRIELLES LES COMPRENANT ET LEURS UTILISATIONS

Publication

**EP 2785900 B1 20151104 (EN)**

Application

**EP 12791366 A 20121107**

Priority

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- US 2012063984 W 20121107

Abstract (en)

[origin: US2013137344A1] Disclosed herein are abrasive filaments with improved stiffness and industrial brushes comprising the same, wherein the abrasive filaments are formed of polyamide compositions comprising, (a) at least one polyamide; (b) about 0.1-1 wt % of at least one linear chain extending compound that has a molecular weight of 1000 Daltons or lower; (c) about 0.1-1 wt % of at least one antioxidant; and (d) about 10-40 wt % of abrasive particles, with the total wt % of all components in the composition totaling to 100 wt %.

IPC 8 full level

**D01F 1/10** (2006.01); **A46D 1/00** (2006.01); **B08B 1/00** (2006.01); **D01D 1/06** (2006.01); **D01F 6/60** (2006.01)

CPC (source: EP US)

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