

Title (en)

WEAR INDICATOR FOR A FLOCKED SCOURING MATERIAL

Title (de)

VESCHLEISSINDIKATOR FÜR BEFLOCKTES SCHEUERMATERIAL

Title (fr)

INDICATEUR D'USURE POUR MATERIAU DE RECURAGE FLOQUE

Publication

EP 1988811 A4 20091111 (EN)

Application

EP 07750700 A 20070214

Priority

- US 2007003879 W 20070214
- GB 0603875 A 20060228

Abstract (en)

[origin: WO2007100497A1] A scouring material is disclosed that comprises upstanding flock fibres secured to a substrate web material by an adhesive. The colours of the fibres and adhesive being such that the apparent colour of a flocked area of the substrate changes as the flock fibres in that area wear away.

IPC 8 full level

A47L 25/08 (2006.01); **A47L 13/16** (2006.01)

CPC (source: EP KR US)

A47L 13/16 (2013.01 - EP KR US); **A47L 25/08** (2013.01 - KR)

Citation (search report)

- [DA] WO 2004021855 A1 20040318 - 3M INNOVATIVE PROPERTIES CO [US], et al
- [DA] WO 0206009 A1 20020124 - ELYSEES BALZAC FINANCIERE [FR], et al
- [DA] EP 0632990 A1 19950111 - CORONET WERKE GMBH [DE]
- [A] US 2005136238 A1 20050623 - LINDSAY JEFFREY D [US], et al
- [A] US 2004134010 A1 20040715 - TSENG MINGCHIH M [US], et al
- [E] EP 1864756 A1 20071212 - APOL AB [SE]
- See references of WO 2007100497A1

Cited by

WO2011144995A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007100497 A1 20070907; AT E480180 T1 20100915; DE 602007009049 D1 20101021; EP 1988811 A1 20081112; EP 1988811 A4 20091111; EP 1988811 B1 20100908; ES 2352162 T3 20110216; GB 0603875 D0 20060405; KR 101331275 B1 20131120; KR 20080104317 A 20081202; US 2009178223 A1 20090716

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