

Title (en)

PERFORMANCE INGREDIENTS IN FILM PARTICLES

Title (de)

LEISTUNGSINHALTSSTOFFE IN FILMPARTIKELN

Title (fr)

INGRÉDIENTS DE PERFORMANCE DANS DES PARTICULES DE FILM

Publication

EP 2195410 B1 20160720 (EN)

Application

EP 08804761 A 20080925

Priority

- EP 2008062876 W 20080925
- IN 2037MU2007 A 20071012
- EP 08150103 A 20080108
- EP 08804761 A 20080925

Abstract (en)

[origin: WO2009047128A1] A granular detergent composition comprising a plurality of film particles, each film particle comprising at least 30% polymer and 0.01 to 1wt% of a benefit ingredient selected from the group comprising: shading dye, shading pigment, photobleach, fluorescer, antioxidant, transition metal catalyst and mixtures thereof characterised in that the cross sectional area of each film particle is between 4mm² and 100mm².

IPC 8 full level

C11D 17/06 (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/40** (2006.01); **C11D 3/42** (2006.01); **C11D 17/02** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

C11D 3/0063 (2013.01); **C11D 3/0084** (2013.01); **C11D 3/3753** (2013.01); **C11D 3/3935** (2013.01); **C11D 3/40** (2013.01); **C11D 3/42** (2013.01); **C11D 17/02** (2013.01); **C11D 17/042** (2013.01); **C11D 17/06** (2013.01)

Citation (opposition)

Opponent : Henkel AG & Co. KGaA

- IN 2037MU2007 A 20071012
- EP 08150103 A 20080108
- WO 2007130684 A1 20071115 - PROCTER & GAMBLE [US], et al
- WO 2007130685 A1 20071115 - PROCTER & GAMBLE [US], et al
- DE 10360842 A1 20041216 - HENKEL KGAA [DE]
- WO 2009146768 A2 20091210 - CLARIANT INT LTD [CH], et al
- "product information Monosol M8630", DATENBLATT, 15 February 2006 (2006-02-15), XP055374751
- "Sanolin Violet E2R", CLARIANT, AUSDRUCK DER HERSTELLERWEBSEITE, 16 September 2014 (2014-09-16), pages 1 - 3, XP055374753

Cited by

CN111511887A; US11015153B2; WO2019144371A1

Designated contracting state (EPC)

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WO 2009047128 A1 20090416; AR 068860 A1 20091209; BR PI0818084 A2 20170704; CL 2008003020 A1 20090605; CN 101878291 A 20101103; EP 2195410 A1 20100616; EP 2195410 B1 20160720; ES 2598487 T3 20170127; ZA 201001429 B 20110525

DOCDB simple family (application)

EP 2008062876 W 20080925; AR P080104470 A 20081014; BR PI0818084 A 20080925; CL 2008003020 A 20081010; CN 200880111770 A 20080925; EP 08804761 A 20080925; ES 08804761 T 20080925; ZA 201001429 A 20100226