

Title (en)  
IMPROVEMENTS RELATING TO FABRIC FRESHNESS

Title (de)  
VERBESSERUNGEN IM ZUSAMMENHANG MIT DER STOFFFRISCHE

Title (fr)  
PERFECTIONNEMENTS CONCERNANT LA FRAÎCHEUR D'UN TISSU

Publication  
**EP 2841543 B1 20160120 (EN)**

Application  
**EP 13717293 A 20130419**

Priority

- EP 12305468 A 20120423
- EP 2013058232 W 20130419
- EP 13717293 A 20130419

Abstract (en)  
[origin: WO2013160214A1] A process for freshening cloth which comprises the sequential steps of: a) contacting the cloth with human skin to treat the cloth with sebum, b) washing the cloth in a surfactant solution (preferably at a temperature of below 30 Celsius) comprising a singlet oxygen photo-bleach (preferably a water-soluble phthalocyanine compound or a water soluble xanthene) to imperfectly remove the sebum and deposit photo-bleach on the cloth, c) exposing the cloth to light, preferably direct sunlight, whereby the deposited photo-bleach reacts with the residual sebum to produce an odiferous species, wherein a further catalytic agent which is not a photo-catalyst but which catalyses the conversion of hydroperoxides into odiferous species is present during at least step (b). Preferably, a blue or violet shading dye is present at least in step (b). Advantageously a further catalyst is present in step (c) to assist in the formation of odiferous species from intermediate hydroperoxides.

IPC 8 full level  
**C11D 3/00** (2006.01); **C11D 3/16** (2006.01); **C11D 3/39** (2006.01); **C11D 3/40** (2006.01); **C11D 3/42** (2006.01)

CPC (source: EP)  
**C11D 3/0063** (2013.01); **C11D 3/168** (2013.01); **C11D 3/3942** (2013.01); **C11D 3/40** (2013.01); **C11D 3/42** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013160214 A1 20131031**; AR 090805 A1 20141210; BR 112014026302 A2 20210706; CN 104364361 A 20150218; CN 104364361 B 20170721; EP 2841543 A1 20150304; EP 2841543 B1 20160120; ES 2565503 T3 20160405; IN 2043MUN2014 A 20151009; ZA 201407631 B 20160525

DOCDB simple family (application)  
**EP 2013058232 W 20130419**; AR P130101347 A 20130423; BR 112014026302 A 20130419; CN 201380031941 A 20130419; EP 13717293 A 20130419; ES 13717293 T 20130419; IN 2043MUN2014 A 20141013; ZA 201407631 A 20141021