

Title (en)

WET-LIKE ARTICLES COMPRISING A MULTI-PHASE, MULTI-COMPONENT EMULSION AND AN ACTIVATION WEB

Title (de)

FEUCHTARTIKEL BESTEHEND AUS EINER MEHRPHASIGEN, MEHRKOMPONENTENEMULSION UND EINEM AKTIVIERUNGSVLIES

Title (fr)

ARTICLES DU TYPE HUMIDE RENFERMANT UNE EMULSION POLYPHASEE A PLUSIEURS CONSTITUANTS ET UNE BANDE CONTINUE ACTIVANTE

Publication

EP 1051478 B1 20041124 (EN)

Application

EP 99900254 A 19990125

Priority

- IB 9900111 W 19990125
- US 7244898 P 19980126

Abstract (en)

[origin: WO9937747A1] Disclosed are disposable cleansing articles (1) which comprise a multi-phase, multi-component emulsion (5) and an activation web (2) that facilitates activation of the emulsion during use. In a preferred embodiment, the multi-phase emulsion is a high internal phase inverse emulsion having a continuous external lipid phase and a discontinuous internal polar phase. During use, the activation web facilitates breakage of the emulsion's external phase, thereby releasing the internal phase for its desired use. Because the internal liquid phase may account for up to about 97 % of the emulsion, significant levels of fluid (e.g., water or a polar liquid) may be delivered from a "dry" wipe.

IPC 1-7

C11D 17/04

IPC 8 full level

C11D 17/04 (2006.01)

CPC (source: EP)

C11D 17/049 (2013.01)

Cited by

US8182874B2; US9879349B2; US8101014B2; US11142655B2; US8101232B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9937747 A1 19990729; AT E283345 T1 20041215; AU 1886799 A 19990809; CA 2319049 A1 19990729; CA 2319049 C 20040914; DE 69922164 D1 20041230; DE 69922164 T2 20051124; EP 1051478 A1 20001115; EP 1051478 B1 20041124; JP 2002501117 A 20020115

DOCDB simple family (application)

IB 9900111 W 19990125; AT 99900254 T 19990125; AU 1886799 A 19990125; CA 2319049 A 19990125; DE 69922164 T 19990125; EP 99900254 A 19990125; JP 2000528655 A 19990125