

Title (en)
NATURAL SOAP COMPOSITION AND MANUFACTURING PROCESS

Title (de)
NATURSEIFENZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN

Title (fr)
COMPOSITION DE SAVON NATUREL ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3387104 A1 20181017 (EN)

Application
EP 16784295 A 20160902

Priority
• TR 201605772 A 20160503
• TR 2016050326 W 20160902

Abstract (en)
[origin: WO2017192109A1] An improved soap composition and methods of manufacture thereof are disclosed. In one embodiment, a soap composition is produced from a saponification reaction between: a first mixture comprising an oil and a vinegar component, the vinegar component including an extraction medium of natural vinegar and extract from a natural plant additive; and a second mixture comprising an alkaline solution. In another embodiment, the invention relates to the use of soap raw materials as the extraction medium of herbal ingredients for use in soap, cosmetic, and/or household products. The invention eliminates extra steps needed to separate the extract from a solvent as the extraction medium itself is one or more of the raw materials of the product. In yet another embodiment, the invention relates to increasing the zeta-potential of relevant insoluble particles in the solution of a soap base by the incorporation of zeta-potential increasing component(s).

IPC 8 full level
C11D 9/02 (2006.01); **A61K 8/97** (2017.01); **A61Q 5/02** (2006.01); **A61Q 19/10** (2006.01); **C11D 9/04** (2006.01)

CPC (source: EP)
A61K 8/19 (2013.01); **A61K 8/922** (2013.01); **A61K 8/9789** (2017.07); **A61K 9/0014** (2013.01); **A61K 9/06** (2013.01); **A61P 17/14** (2017.12); **A61Q 5/02** (2013.01); **A61Q 19/00** (2013.01); **A61Q 19/10** (2013.01); **C11D 9/02** (2013.01); **C11D 9/04** (2013.01); **C11D 9/38** (2013.01); **C11D 13/02** (2013.01); **A61K 2800/85** (2013.01); **A61Q 5/006** (2013.01); **A61Q 5/10** (2013.01); **A61Q 7/00** (2013.01); **A61Q 19/02** (2013.01); **A61Q 19/08** (2013.01)

Citation (search report)
See references of WO 2017192109A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017192109 A1 20171109; EP 3387104 A1 20181017; TR 201605772 A2 20171121

DOCDB simple family (application)
TR 2016050326 W 20160902; EP 16784295 A 20160902; TR 201605772 A 20160503