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(54) Title: COMPOSITION BASED ON HENNA OR INDIGO POWDER WITH A PREDISPERSION OF OIL, AND HAIR DYEING PROCESS USING THIS COMPOSITION

(57) Abstract: The invention relates to a composition for dyeing keratin fibres, comprising i) at least % and preferably at least 5% of red henna (*Lawsonia inermis*, alba) powder and/or of powder of indigo-producing plant(s), ii) at least one oil, iii) optionally at least one surfactant, and iv) water or an aqueous phase, preferably water, it being understood that the ingredients 10 ii), iii) and iv) are predispersed together to form a predispersion and the ingredient(s) i) are then mixed into the said predispersion or the said predispersion is mixed with the ingredient(s) i); the invention also relates to a composition comprising the said composition and a supplement of water or of aqueous phase, the process for dyeing keratin fibres using the said compositions, and to the use of the said compositions for dyeing keratin fibres.1 The compositions and the poultice according to the invention make it possible to dye keratin fibres with strong, chromatic dyeing results that are resistant to washing, perspiration, sebum and light, and that are moreover long-lasting, without impairing the said fibres. Furthermore, the use of the compositions or of the poultice does not give off any raw material 20 dust (dust-free). These compositions are easy to use, in total safety and with no risk of staining. In addition, the composition and the dyeing active agent(s) remain stable on storage. The treated keratin fibres have a very pleasant cosmetic aspect, their integrity is respected.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. A61Q5/06 A61K8/92 A61K8/97 A61K8/04 A61K8/06 ADD.											
According to International Patent Classification (IPC) or to both national classification and IPC											
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) A61Q A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal, WPI Data, BIOSIS, EMBASE											
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>EP 0 806 200 A2 (WELLA AG [DE]) 12 November 1997 (1997-11-12) the whole document</td> <td>1-25</td> </tr> <tr> <td>Y</td> <td> ----- "tout savoir sur le henné", Mes soins naturels 26 March 2013 (2013-03-26), XP002720534, Retrieved from the Internet: URL: http://www.mesoinsnaturels.com/p/tout-savoir-sur-le-henne.html [retrieved on 2014-02-05] the whole document ----- -/-- </td> <td>1-25</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	EP 0 806 200 A2 (WELLA AG [DE]) 12 November 1997 (1997-11-12) the whole document	1-25	Y	----- "tout savoir sur le henné", Mes soins naturels 26 March 2013 (2013-03-26), XP002720534, Retrieved from the Internet: URL: http://www.mesoinsnaturels.com/p/tout-savoir-sur-le-henne.html [retrieved on 2014-02-05] the whole document ----- -/--	1-25
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	"Schönheitspflege für Ihr Haar mit Henna", Schönheit und Kosmetik 28 November 2006 (2006-11-28), XP002719940, Retrieved from the Internet: URL: http://www.schoenheit-kosmetik.de/henna-haarpflege [retrieved on 2014-02-06] the whole document -----	1-25
A	DE 10 2007 042286 A1 (HENKEL AG & CO KGAA [DE]) 12 March 2009 (2009-03-12) examples A1, A3 -----	1-25
A	DATABASE GNPD [Online] MINTEL; August 2012 (2012-08), "Herbal Hair Color Cream", XP002719942, Database accession no. 1865656 the whole document -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0806200	A2	12-11-1997	AR 006698 A1 08-09-1999
			BR 9703092 A 08-09-1998
			EP 0806200 A2 12-11-1997
			ES 2114840 T1 16-06-1998
			JP H1053720 A 24-02-1998

DE 102007042286	A1	12-03-2009	DE 102007042286 A1 12-03-2009
			EP 2182915 A2 12-05-2010
			WO 2009033833 A2 19-03-2009
