

Title (en)  
DYEING PROCESS USING NATURAL DYES

Title (de)  
VERFAHREN ZUM FÄRBEN MIT NATURFARBSTOFFEN

Title (fr)  
PROCEDE DE TEINTURE UTILISANT DES COLORANTS NATURELS

Publication  
**EP 2478060 A2 20120725 (DE)**

Application  
**EP 10739310 A 20100716**

Priority  
• AT 11832009 A 20090728  
• EP 2010060339 W 20100716

Abstract (en)  
[origin: WO2011012471A2] The invention relates to a method for producing a solution containing a dye and to a method for dyeing a substrate, characterised by the following steps: a. transferring the dye from biological material into an aqueous medium, b. precipitating the dye from the aqueous medium by the addition of a suitable precipitant, wherein at least a part of the precipitant forms a part of the dye precipitate, c. separating the dye precipitate from the aqueous medium and d. transferring the dye from the dye precipitate into an aqueous medium by adding a release agent and dyeing the substrate with an aqueous solution by releasing the dye from the dye precipitate by adding a release agent to the aqueous solution, characterised in that the release agent is a complexing agent, selected from the group of polycarboxylates, polycarboxylic acids, amino polycarboxylic acids, such as NTA or EDTA, oxalate, gluconate, citrate, phosphate, polyphosphate or combinations thereof.

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