

Title (en)
METHOD AND SYSTEM FOR DETERMINING A TREATMENT WHICH CAN BE PERFORMED BY A HOUSEHOLD APPLIANCE OR BY A USER ON A TEXTILE MATERIAL ITEM

Title (de)
VERFAHREN UND SYSTEM ZUR BESTIMMUNG EINER BEHANDLUNG, DIE VON EINEM HAUSHALTSGERÄT ODER VON EINEM BENUTZER AUF EINEM TEXTILEN MATERIALARTIKEL DURCHGEFÜHRT WERDEN KANN

Title (fr)
PROCÉDÉ ET SYSTÈME PERMETTANT DE DÉTERMINER UN TRAITEMENT QUI PEUT ÊTRE EFFECTUÉ PAR UN APPAREIL MÉNAGER OU PAR UN UTILISATEUR SUR UN ARTICLE DE MATÉRIAU TEXTILE

Publication
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Application
EP 20156156 A 20200207

Priority
IT 201900001927 A 20190211

Abstract (en)
Method and corresponding system for determining a treatment which can be performed on a textile material, wherein the method comprises the steps of: carrying out a first scan on an area (R) of the textile material item by means of near infrared band (NIR) electromagnetic radiation to obtain a first signal indicative of the nature of the textile material (S1) in the scanned area; carrying out a second scan on said area (R) of the textile material item by means of visible band electromagnetic radiation to obtain a second signal indicative of the color of the textile material (S2) in the scanned area; transmitting said first signal (S1) and second signal (S2) to electronic processing means (3); said electronic processing means (3) determining a treatment program which can be carried out on the textile material item based on a processing of said first signal (S1) and second signal (S2), and providing a control unit of a household appliance (5) and/or a user interface (4) with information about the treatment program determined by the electronic processing means (3).

IPC 8 full level
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CPC (source: CN EP)
D06F 33/52 (2020.02 - CN); **D06F 34/18** (2020.02 - CN EP); **D06F 34/28** (2020.02 - CN); **D06F 33/00** (2013.01 - EP); **D06F 2103/02** (2020.02 - CN); **D06F 2103/06** (2020.02 - CN); **D06F 2202/10** (2022.02 - EP)

Citation (search report)

- [XAYI] WO 2018228861 A1 20181220 - HENKEL AG & CO KGAA [DE]
- [YA] WO 2004053220 A1 20040624 - UNILEVER NV [NL], et al
- [A] DE 102016212976 A1 20180118 - HENKEL AG & CO KGAA [DE]
- [A] DE 102016205756 A1 20171012 - BSH HAUSGERÄTE GMBH [DE]

Cited by
EP4202101A1; BE1030058A1

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)
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DOCDB simple family (application)
EP 20156156 A 20200207; CN 202010085808 A 20200211; EP 20156164 A 20200207; IT 201900001927 A 20190211; RU 2020106166 A 20200210