



US009409745B2

(12) **United States Patent**
Walgenwitz et al.

(10) **Patent No.:** **US 9,409,745 B2**

(45) **Date of Patent:** **Aug. 9, 2016**

(54) **CORE INTENDED TO BE USED AS A SUPPORT FOR A ROLL OF PAPER**

(58) **Field of Classification Search**

CPC A47K 10/16; B65H 75/02; B65H 75/08; B65H 75/10; Y10T 156/1036; Y10T 156/1038
See application file for complete search history.

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(57) **ABSTRACT**

A core intended to be used as a support for a roll of paper, especially toilet paper, is formed by winding at least one strip made of tissue, the strip being impregnated, at least locally, with starch so as to improve its stiffness. Thus configured, a core is provided having both a mechanical strength suitable for the envisaged use and a greatly improved ability to disintegrate relative to a cardboard core so as to allow it to be able to be disposed of directly in a toilet bowl without risk of blocking the soil pipe.

7 Claims, 2 Drawing Sheets

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/589,737**

(22) Filed: **Jan. 5, 2015**

(65) **Prior Publication Data**

US 2015/0122938 A1 May 7, 2015

Related U.S. Application Data

(63) Continuation of application No. 12/601,448, filed as application No. PCT/FR2008/000826 on Jun. 13, 2008, now Pat. No. 8,961,721.

(30) **Foreign Application Priority Data**

Jun. 14, 2007 (FR) 07 04233

(51) **Int. Cl.**

B65H 75/10 (2006.01)

A47K 10/16 (2006.01)

(52) **U.S. Cl.**

CPC **B65H 75/10** (2013.01); **A47K 10/16** (2013.01); **B65H 2701/5112** (2013.01)

