

Title (en)
CORE SUPPORTING A REEL OF PAPER

Title (de)
PAPIERROLLE STÜTZENDER KERN

Title (fr)
MANDRIN FORMANT SUPPORT D'UNE BOBINE DE PAPIER

Publication
EP 2376358 A1 20111019 (FR)

Application
EP 09775166 A 20091210

Priority
• EP 2009066820 W 20091210
• FR 0858553 A 20081212

Abstract (en)
[origin: WO2010066834A1] The invention relates to a core intended to support a reel of paper, particularly toilet paper, said core being formed by winding at least one web of cellulose wadding. The core is characterized in that it is formed by winding at least one web of cellulose wadding comprising at least 0.51 g of water-soluble material per gram of cellulose wadding, the water-soluble material being designed to make the web of cellulose wadding more rigid and easier to disintegrate. Thus configured, the invention is able to provide a core that has both mechanical strength fit for the intended purpose and is far easier to disintegrate than a core made of cardboard such that it can be disposed of directly in the toilet bowl without the risk of blocking the waste pipe.

IPC 8 full level
B65H 75/10 (2006.01); **A47K 10/16** (2006.01)

CPC (source: EP US)
B31C 11/04 (2013.01 - US); **B65H 75/10** (2013.01 - EP US); **B65H 2701/5112** (2013.01 - EP US); **B65H 2701/53** (2013.01 - US)

Citation (search report)
See references of WO 2010066834A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010066834 A1 20100617; CA 2745950 A1 20100617; CA 2745950 C 20170516; EP 2376358 A1 20111019; EP 2376358 B1 20170823; ES 2641917 T3 20171114; FR 2939782 A1 20100618; FR 2939782 B1 20110114; MX 2011005882 A 20110630; MX 339580 B 20160601; RU 2011124172 A 20130120; RU 2512357 C2 20140410; US 10350850 B2 20190716; US 2011278388 A1 20111117; US 2016144590 A1 20160526; US 9315359 B2 20160419

DOCDB simple family (application)
EP 2009066820 W 20091210; CA 2745950 A 20091210; EP 09775166 A 20091210; ES 09775166 T 20091210; FR 0858553 A 20081212; MX 2011005882 A 20091210; RU 2011124172 A 20091210; US 200913139082 A 20091210; US 201615010070 A 20160129