

Title (en)
CENTER-FEED ROLL UNIT AND DISPENSER INCORPORATING SUCH CENTER-FEED ROLL UNIT

Title (de)
ROLLENEINHEIT MIT MITTIGER ZUFUHR UND SPENDER MIT EINER SOLCHEN ROLLENEINHEIT MIT MITTIGER ZUFUHR

Title (fr)
UNITÉ DE ROULEAU À DÉVIDAGE CENTRAL ET DISTRIBUTEUR INCORPORANT CETTE UNITÉ DE ROULEAU À DÉVIDAGE CENTRAL

Publication
EP 2651276 B1 20160713 (EN)

Application
EP 10794969 A 20101215

Priority
EP 2010069737 W 20101215

Abstract (en)
[origin: WO2012079627A1] A center-feed roll unit for dispensing a web (18), especially a web of paper or nonwoven material, the center-feed roll (10) having an inner center hole (14) and a minimum inner diameter Dmin defined before its first use and a length L of the roll (10) in a longitudinal direction perpendicular to the minimum inner diameter Dmin with a first end (16) and a second dispensing element (12) of the roll (10). The center-feed roll unit comprises an untwisting insert element (30) provided in the center hole (14), the insert element (30) being elongate and extending from the first end (16) essentially along the longitudinal direction; and having an extension x in the longitudinal direction of $0.5^\circ L < x < 1.5^\circ L$.

IPC 8 full level
A47K 10/38 (2006.01)

CPC (source: EP US)
A47K 10/3818 (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2012079627 A1 20120621; AU 2010365685 A1 20130711; CN 103260492 A 20130821; CN 103260492 B 20160120;
EP 2651276 A1 20131023; EP 2651276 B1 20160713; MX 2013006583 A 20130801; RU 2013132512 A 20150120; US 2014183295 A1 20140703

DOCDB simple family (application)
EP 2010069737 W 20101215; AU 2010365685 A 20101215; CN 201080070682 A 20101215; EP 10794969 A 20101215;
MX 2013006583 A 20101215; RU 2013132512 A 20101215; US 201013994579 A 20101215