

Title (en)  
DISPENSING SYSTEM WITH KEYED GUIDE SLOT FOR SHEET ROLLS

Title (de)  
ABGABEVORRICHTUNG MIT LEITENDER KEILNUT FÜR FOLIENROLLEN

Title (fr)  
DISPOSITIF DE DISTRIBUTION A FENTE DE GUIDAGE A NERVURE POUR ROULEAUX DE PAPIER

Publication  
**EP 0824494 B1 20020612 (EN)**

Application  
**EP 96904514 A 19960125**

Priority  

- US 9601167 W 19960125
- US 38074595 A 19950131
- US 48370795 A 19950607
- US 48370995 A 19950607

Abstract (en)  
[origin: WO9623719A1] A dispenser (100), a flexible sheet material roll (12), and a dispensing system for dispensing flexible material from the sheet material rolls. The system includes a rolled products dispenser and sheet material rolls. The dispenser includes opposing lateral side wall surfaces (104, 114), and a guide track (110, 111) located in each of the lateral side wall surfaces. At least one of the two guide tracks includes an elongated guide projection (124). Each sheet material roll includes flexible sheet material wound around a hollow center core having first and second ends, and first (118) and second (119) end caps positioned in respective ends of the hollow center core (116). Both end caps have an inwardly projecting portion located side the hollow centre core, and an outwardly projecting cylindrical spindle (120, 121) extending outwardly past their respective end of the hollow center core. The spindles guide the roll within the guide tracks of the dispenser. The spindle of one of the end caps includes at least one annular groove (126) in its circumference which interfaces with the elongated guide projection of the guide track, to provide a system where the roll is keyed to fit the dispenser. This assures proper orientation of the rolls in the dispenser, and provides an arrangement for coordinating the quality of the rolls being dispensed from specific dispensers.

IPC 1-7  
**B65H 19/00**; **B65H 16/06**; **B65H 18/04**

IPC 8 full level  
**A47K 10/38** (2006.01); **B65H 75/18** (2006.01); **A47K 10/32** (2006.01)

IPC 8 main group level  
**B65H 19/00** (2006.01); **B65H 16/00** (2006.01); **B65H 18/00** (2006.01)

CPC (source: EP FI)  
**A47K 10/38** (2013.01 - EP FI); **B65H 16/06** (2013.01 - FI); **B65H 19/00** (2013.01 - FI); **B65H 75/185** (2013.01 - EP FI); **A47K 2010/3253** (2013.01 - EP); **B65H 2301/4173** (2013.01 - EP); **B65H 2402/60** (2013.01 - EP)

Cited by  
EP4166487A1; WO2015166028A1; WO2015166039A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9623719 A1 19960808**; AT E219024 T1 20020615; DE 69621798 D1 20020718; DE 69621798 T2 20030102; DK 0824494 T3 20020923; EP 0824494 A1 19980225; EP 0824494 A4 19980311; EP 0824494 B1 20020612; FI 121230 B 20100831; FI 973153 A0 19970730; FI 973153 A 19970930; IL 116951 A0 19960514; IL 116951 A 20000217; NO 310552 B1 20010723; NO 973507 D0 19970730; NO 973507 L 19970919; SI 9620024 A 19980228

DOCDB simple family (application)  
**US 9601167 W 19960125**; AT 96904514 T 19960125; DE 69621798 T 19960125; DK 96904514 T 19960125; EP 96904514 A 19960125; FI 973153 A 19970730; IL 11695196 A 19960129; NO 973507 A 19970730; SI 9620024 A 19960125