

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 A1 19980225 (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  
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IPC 8 full level  
**A47K 10/38** (2006.01); **B65H 75/18** (2006.01); **A47K 10/32** (2006.01)

IPC 8 main group level  
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