

Title (en)  
Towel roll

Title (de)  
Handtuchrolle

Title (fr)  
Rouleau de serviettes

Publication  
**EP 2196123 A1 20100616 (EN)**

Application  
**EP 08171384 A 20081211**

Priority  
EP 08171384 A 20081211

Abstract (en)  
In one aspect, the invention provides a replaceable winding roller for flat strip material in a towel dispenser. The roller comprises a cylindrical roll, an outer surface forming a winding surface for the flat strip material, the roll comprising a groove axially extending from one end part of the roll to another end part of the roll. The groove is open on the one end part. The roller further comprises a freestanding pin being connected to the another end part of the roll, forming a gap between the groove and the pin into which the strip material may be slid. The freestanding pin is positioned in the groove below the winding surface. The gap distance is at least the width of the material in an uncompressed state. It is an object of the invention to provide a winding roller that may be easily removed from the roll of used cloth.

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CPC (source: EP)  
**A47K 10/16** (2013.01); **A47K 10/3687** (2013.01)

Citation (applicant)  
EP 1176898 A1 20020206 - CWS INT AG [CH]

Citation (search report)  
• [X] EP 1176898 A1 20020206 - CWS INT AG [CH]  
• [A] US 2002171003 A1 20021121 - JOHNSON GERALD WAYNE [US], et al

Cited by  
KR102375584B1

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