

Title (en)  
CENTRE-FEED ROLL AND PRODUCTION METHODS THEREOF

Title (de)  
ROLLE MIT INNENABZUG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ROULEAU A DEVIDAGE CENTRAL, PROCEDES DE FABRICATION

Publication  
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Application  
**EP 03817410 A 20030612**

Priority  
FR 0301776 W 20030612

Abstract (en)  
[origin: WO2005005295A1] The invention relates to a centre-feed, core-free roll (10', 20, 30) comprising a sheet (10) of flexible dry material, such as a fibrous absorbent material, which is formed by winding said sheet around a winding axis. The invention is characterised in that the roll comprises a central initial unwinding section (10B, 21, 31) which forms a protrusion along the length of the aforementioned axis in relation to at least one part of the plane of one of the sides of the roll. Moreover, the initial unwinding section comprises a portion belonging to the inner end of the roll-forming sheet. In this way, the first inner coil can be unwound even when the central hole is reduced.

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Citation (opposition)  
Opponent :

- DE 2222357 A1 19731122 - LARSSON K O A H, et al
- DE 4239574 A1 19940526 - SCHICKEDANZ VER PAPIERWERK [DE]

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