

Title (en)  
EXPANDABLE LAYER MADE OF A COMPRESSIBLE MATERIAL

Title (de)  
DEHNSCHICHT AUS KOMPRESSIBLEM MATERIAL

Title (fr)  
COUCHE EXTENSIBLE CONSTITUEE D'UN MATERIAU COMPRESSIBLE

Publication  
**EP 1177100 A1 20020206 (DE)**

Application  
**EP 00926708 A 20000406**

Priority

- DE 0001092 W 20000406
- DE 19918432 A 19990423

Abstract (en)  
[origin: US6823787B1] An expandable layer made of compressible material placed in a rotary printing from between a core cylinder and a sleeve. An embodiment includes depressions on the outer circumferential surface and/or the inner circumferential surface of the expandable layer. The depressions can be, at least partly, fashioned as open circumferential annular channels. In addition, at least some of the depressions and annular channels can be arranged according to a required bending compensation of the sleeve. In another embodiment, an initial section of the depressions stretches in an axial direction on the expandable layer and a subsequent section of the depressions stretches in a radial direction over the expandable layer, whereby a part of the material of the expandable layer can be displaced in the depressions and at least a portion of the depressions is arranged according to a required bending compensation of the sleeve.

IPC 1-7  
**B41F 27/10**; **B41N 6/00**

IPC 8 full level  
**B41F 27/10** (2006.01); **B41N 7/00** (2006.01)

CPC (source: EP US)  
**B41F 27/105** (2013.01 - EP US); **B41N 7/00** (2013.01 - EP US); **B41N 2207/04** (2013.01 - EP US); **B41N 2207/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 0064675A1

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

DOCDB simple family (publication)  
**US 6823787 B1 20041130**; AT E349325 T1 20070115; AU 4536800 A 20001110; DE 19918432 A1 20001026; DE 50013907 D1 20070208; EP 1177100 A1 20020206; EP 1177100 B1 20061227; ES 2273690 T3 20070516; MY 127056 A 20061130; WO 0064675 A1 20001102

DOCDB simple family (application)  
**US 95931402 A 20020222**; AT 00926708 T 20000406; AU 4536800 A 20000406; DE 0001092 W 20000406; DE 19918432 A 19990423; DE 50013907 T 20000406; EP 00926708 A 20000406; ES 00926708 T 20000406; MY PI20001732 A 20000421