

Title (en)
Improved label for stretch wrapped stacks

Title (de)
Verbessertes Etikett für Produktstapel

Title (fr)
Etiquette améliorée pour piles de produits emballés

Publication
EP 1298626 A1 20030402 (EN)

Application
EP 01123429 A 20010928

Priority
EP 01123429 A 20010928

Abstract (en)
The invention relates to labels which are adhesively attached to the outside of a stack of packages or articles which packages or articles are combined on a pallet typically by a stretch wrapped film. Such stretch wrapped stacks are highly stable but due to the stretch in the film used for holding the stack together and depending on the compressibility of the packages or articles, the stack will shrink by a certain amount during further handling and shipment. Such stretch wrapped stacks are usually provided with labels, which have to allow the stretch wrapped stack to shrink and be deformed to a certain extent during handling and shipment. The present invention relates to labels, which are designed, to achieve a substantial improvement in stability after having been applied to a stretch wrapped stack of packages or articles. <IMAGE>

IPC 1-7
G09F 3/02; **G09F 3/10**

IPC 8 full level
G09F 3/02 (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP)
G09F 3/0288 (2013.01); **G09F 3/10** (2013.01)

Citation (search report)
• [X] US 4995641 A 19910226 - LANDRY JOHN C [US], et al
• [A] US 6133195 A 20001017 - MURPHY SHARON M [US]
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07 29 September 2000 (2000-09-29)
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19 5 June 2001 (2001-06-05)

Cited by
EP1699052A1; WO2006092297A1

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

DOCDB simple family (publication)
EP 1298626 A1 20030402; **EP 1298626 B1 20050504**; AT E294983 T1 20050515; CA 2461147 A1 20030403; CA 2461147 C 20100622; DE 60110596 D1 20050609; DE 60110596 T2 20060119; ES 2241730 T3 20051101; MX PA04002298 A 20040629; WO 03027765 A1 20030403

DOCDB simple family (application)
EP 01123429 A 20010928; AT 01123429 T 20010928; CA 2461147 A 20020930; DE 60110596 T 20010928; ES 01123429 T 20010928; MX PA04002298 A 20020930; US 0231051 W 20020930