

Title (en)  
REINFORCED ECOLOGICAL STRIP

Title (de)  
VERSTÄRKTER ÖKOLOGISCHER RIEMEN

Title (fr)  
BANDE ÉCOLOGIQUE RENFORCÉE

Publication  
**EP 2353431 A4 20120613 (EN)**

Application  
**EP 08878531 A 20081205**

Priority  
ES 2008000762 W 20081205

Abstract (en)  
[origin: EP2353431A1] Reinforced ecological strip of the type formed from at least one substantially elongate paper sheet, characterized in that said strip comprises a planar tubular element, with exterior finishing, formed by a paper sheet, with the longitudinal edges thereof folded inwards, superposed and fastened together by means of an adhesive or a conventional joining means, the interior of said tubular element containing two or more paper cords or strings lying parallel in the longitudinal direction and joined to the tubular element by an adhesive band, the strip, when used, being suitable for withstanding longitudinal tensile stresses without the flexibility of the strip being adversely affected and also suitable for forming bag handles, strapping, and clothing accessories, inter alia.

IPC 8 full level  
**A45C 13/26** (2006.01); **B31D 1/06** (2006.01); **B65D 33/10** (2006.01); **B65D 63/10** (2006.01)

CPC (source: EP)  
**A45C 3/001** (2013.01); **A45C 13/26** (2013.01); **A45C 13/30** (2013.01); **B31D 1/06** (2013.01); **B65D 33/105** (2013.01); **B65D 63/10** (2013.01); **A45F 2005/006** (2013.01)

Citation (search report)

- [I] CH 362973 A 19620630 - INDUSTRIEBUERO AG [CH]
- [I] BE 634896 A
- [I] GB 1000079 A 19650804 - KARL GOTZE
- [I] JP 2001072122 A 20010321 - AKIYAMA KOGYO KK
- [A] GB 921202 A 19630313 - CLUPAK INC
- See references of WO 2010063851A1

Cited by  
CN108382002A; US11820555B2; EP3450343B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2353431 A1 20110810; EP 2353431 A4 20120613; EP 2353431 B1 20160330; WO 2010063851 A1 20100610**

DOCDB simple family (application)  
**EP 08878531 A 20081205; ES 2008000762 W 20081205**