

Title (en)  
Buckle for adjusting the length of a strap

Title (de)  
Längenverstelleinrichtung

Title (fr)  
Boucle pour ajuster la longueur d'une sangle

Publication  
**EP 1525820 B1 20110810 (DE)**

Application  
**EP 04024439 A 20041014**

Priority  
DE 20316408 U 20031024

Abstract (en)  
[origin: EP1525820A1] The carrying unit is assembled of a wider, padded neck segment (10) and two straps (16), adjustable in length, attached to each of the outer ends (12) of the neck segment (10). The outer ends of the strap (16) are guided around a drum with two lateral cylindrical extensions rotating in a holding element (26) with bores positioned off center in order to increase or reduce the distance between the clamping elements when a control element (24) is lifted or lowered.

IPC 8 full level  
**A45F 5/00** (2006.01); **A45F 3/04** (2006.01); **A45F 3/14** (2006.01); **A45F 3/00** (2006.01)

CPC (source: EP)  
**A45F 3/047** (2013.01); **A45F 3/14** (2013.01); **A45F 2003/002** (2013.01); **A45F 2003/142** (2013.01)

Citation (examination)

- WO 0030487 A2 20000602 - PLZAK STEPHEN J [US]
- FR 2526645 A1 19831118 - POUTRAIT MORIN [FR]
- DE 1914019 A1 19691009 - BENGTTSSON SIGURD W

Cited by  
FR3120271A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1525820 A1 20050427; EP 1525820 B1 20110810**; AT E519398 T1 20110815; DE 20316408 U1 20050217

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