

Title (en)
Backpack strap attaching structure

Title (de)
Befestigungsstruktur für Rucksackriemen

Title (fr)
Structure de fixation de sangle de harnais dorsal

Publication
EP 2537435 A1 20121226 (EN)

Application
EP 12172047 A 20120614

Priority
JP 2011137516 A 20110621

Abstract (en)
A backpack strap includes a strap main body, an upper end of which is connected to a backpack frame, a pad attached to the strap main body on a user side, and a contact state holding unit holding an upper end of the pad in contact with the backpack frame. Upper portions of the strap main body and pad are spaced apart from each other by a specified distance. The upper end of the pad has a shape and a strength that is, when contacting the backpack frame, able to prevent the backpack strap from falling sideways. Due to a tensile force of the upper portion of the strap main body and a stiffness of the upper portion of the pad, the upper portion of the pad is held in a projecting state with the upper end of the pad acting as a support point.

IPC 8 full level
A45F 3/10 (2006.01); **A45F 3/12** (2006.01)

CPC (source: EP US)
A45F 3/10 (2013.01 - EP US); **A45F 3/12** (2013.01 - EP US); **A45F 3/047** (2013.01 - EP US)

Citation (applicant)

- JP S6369571 U 19880510
- JP H0331872 U 19910328
- JP 2007289816 A 20071108 - MARUYAMA MFG CO

Citation (search report)

- [X] US 2611519 A 19520923 - LUDVIG UTTERSTROM SVEN
- [X] GB 2115689 A 19830914 - DAVISON GEORGE GORDON

Cited by
CN104188328A; GB2527332A; WO2014112332A3

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2537435 A1 20121226; JP 2013000516 A 20130107; JP 5877407 B2 20160308; US 2012325872 A1 20121227

DOCDB simple family (application)
EP 12172047 A 20120614; JP 2011137516 A 20110621; US 201213528362 A 20120620