

Title (en)
CONVERTIBLE PIECE OF LUGGAGE, IN PARTICULAR SUCH AS A BACKPACK

Title (de)
UMWANDELBARES GEPÄCKSTÜCK, INSBESONDERE ALS RUCKSACK

Title (fr)
BAGAGE CONVERTIBLE, NOTAMMENT DE TYPE SAC À DOS

Publication
EP 3214969 A2 20170913 (FR)

Application
EP 15808321 A 20151106

Priority
• CZ 201430225 U 20141107
• CZ 2015000134 W 20151106

Abstract (en)
[origin: WO2016070860A2] The invention relates to convertible piece of luggage (100) in particular such as a backpack, involving a folding crossed framework (10) with a flexible seating surface (14) and a flexible sheath (20), defining the storage space inside said piece of luggage (100), wherein the folding crossed framework (10) is simultaneously placed along the perimeter of the storage space of the piece of luggage (100), lastingly housed in the flexible sheath (20) of the piece of luggage (100) and rigged for folding and extending in the perpendicular direction relative to the rear wall (21) of the piece of luggage (100), and at the same time the flexible seating surface (14) is in the form of a flexible cover, attached to the upper portion of the folding crossed framework (10), characterised in that the storage space comprises at least two main compartments, in which the first main compartment (210) is first defined by the primary or back wall (21) with a frame, then defined by side walls (24) which are less rigid than the primary or back wall (21) with a frame, and ultimately defined by a flexible partition with a thickness and rigidity which are even lower than the thickness and the rigidity of the side walls (24), while said first main compartment (210) houses the folding crossed framework (10), given that the side walls (24) are designed, in the lower half thereof, with a width such as to cover the folding crossed framework (10) in folded position as well as in extended position, while said side walls (24) are designed, in the upper half thereof, to have a width such as to cover the folding crossed framework (10) only in the folded position, while said side walls (24) are, in said upper half, including in the upper horizontal wall (242) of said side wall (24) in the direction of the perimeter of the piece of luggage (100), interrupted and connected by an upper connection (240) with an opening, under which is attached, in the space between the back wall (21) with a frame and the outer front wall (22) of the piece of luggage (100), the flexible upper flap (25) with a width that covers the folding crossed framework (10) in the upper half thereof, in the folded position as well as the extended position, and given that the horizontal lower portion (241) of the side wall (24) is provided with attachment points (2410) connected to the free lower ends of the folding crossed framework (10) and connected therebetween such that said interconnection of the attachment points (2410) of the free lower ends which separate from one another during the extension of the folding crossed framework (10) determines the largest possible separation between each pair of said free lower ends which separate from one another, and at the same time the second main compartment (220) is defined by the outer front wall (22), the side walls (24) and, ultimately, by a flexible partition (23) in which the thickness and the rigidity are lower than the thickness and the rigidity of the side walls (24) and of the outer front wall (22).

IPC 8 full level
A45C 9/00 (2006.01); **A45F 3/04** (2006.01); **A45F 4/02** (2006.01); **A47C 4/52** (2006.01)

CPC (source: AT EP)
A45C 9/00 (2013.01 - AT EP); **A45F 3/04** (2013.01 - AT EP); **A45F 4/02** (2013.01 - AT EP); **A47C 4/52** (2013.01 - AT EP);
A45C 2009/002 (2013.01 - EP); **A45F 2004/026** (2013.01 - EP)

Citation (search report)
See references of WO 2016070860A2

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)
DE 202015105948 U1 20151119; AT 16060 U1 20181215; CZ 27797 U1 20150206; EP 3214969 A2 20170913; FR 3028151 A3 20160513; FR 3028151 B3 20161223; WO 2016070860 A2 20160512; WO 2016070860 A3 20160909

DOCDB simple family (application)
DE 202015105948 U 20151106; AT 502032015 U 20151106; CZ 201430225 U 20141107; CZ 2015000134 W 20151106; EP 15808321 A 20151106; FR 1560638 A 20151106