

Title (en)
LUGGAGE CASE STRUCTURE

Title (de)
KOFFERSTRUKTUR

Title (fr)
STRUCTURE DE BAGAGE

Publication
EP 2959791 A4 20170531 (EN)

Application
EP 13875502 A 20130801

Priority
• CN 201320079218 U 20130220
• CN 201320401203 U 20130705
• CN 2013000908 W 20130801

Abstract (en)
[origin: EP2959791A1] Disclosed is a luggage case structure (10), containing a case back member (100), a case cover member (200) and a ring-shaped case side member (300). Two opposing sides of the ring-shaped case side member (300) are respectively connected to the edge of the case back member (100) and the case cover member (200). The ring-shaped case side member (300) has multiple first support parts (380) and multiple second support parts (385) connected together. The first support parts (380) are located at each end corner of the case back member (100), and the second support parts (385) are located at each side edge of the case back member (100). The ring-shaped case side member (300) contains multiple curved parts (390) respectively located between the first support parts (380) and the second support parts (385), and the elastic deformation capability of each curved part (390) is greater than that of the first support parts (380) and the second support parts (385). In addition, the curved parts (390) have flexibility, enabling the first support parts (380) and the second support parts (385) to be relatively superposed or vertical to the case back member (100), thereby making the luggage case (10) convenient for collapsing.

IPC 8 full level
A45C 7/00 (2006.01)

CPC (source: EP)
A45C 5/14 (2013.01); **A45C 7/0022** (2013.01); **A45C 7/0036** (2013.01); **A45C 7/0045** (2013.01); **A45C 13/10** (2013.01); **A45C 13/103** (2013.01)

Citation (search report)
• [X] CN 202222610 U 20120523 - VOYLUX CO LTD
• [X] JP 2006218145 A 20060824 - MY KK
• [X] US 7175010 B1 20070213 - MINER MICHELLE YVETTE [US]
• See references of WO 2014127497A1

Designated contracting state (EPC)
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