

Title (en)

REINFORCED STRUCTURE OF A TROLLEY CASE, A TROLLEY CASE AND A METHOD FOR MANUFACTURING THEREOF

Title (de)

VERSTÄRKTE STRUKTUR EINES TROLLEYKOFFERS, TROLLEYKOFFER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

STRUCTURE RENFORCÉE POUR UNE VALISE À ROULETTES, VALISE À ROULETTES ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3342308 A1 20180704 (EN)

Application

EP 17171239 A 20170516

Priority

CN 201611227648 A 20161227

Abstract (en)

The present invention relates to a reinforced structure of a trolley case, a trolley case and a method for manufacturing thereof. The reinforced structure comprises a first reinforcement member 1 and a second reinforcement member 2 detachably connected to the first reinforcement member 1, the first body portion 3 and the second body portion 5 are respectively provided with a plurality of mounting positions 9 for mounting a case locking member 26,27. The reinforcement members 1,2 are detachably connected on opening ends of the case body and the case cover of the present invention, sizes of the reinforcement members 1, 2 can be adjusted adaptively according to shapes of the opening ends, and they reinforce the opening ends of the case body and the case cover to effectively prevent the opening ends of the case body and the case cover from being worn, while the reinforcement members 1,2 can be quickly replaced when damaged, so as to extend the service life of the trolley case to reduce waste. Meanwhile, a connection between the case body and the case cover is not applied with zippers, but through a detachable connection locking member 26,27 for locking, it has a simple operation, and easy to replace, install.

IPC 8 full level

A45C 13/04 (2006.01); **A45C 13/10** (2006.01); **A45C 13/36** (2006.01)

CPC (source: CN EP)

A45C 5/045 (2013.01 - CN); **A45C 13/04** (2013.01 - EP); **A45C 13/10** (2013.01 - CN EP); **A45C 13/36** (2013.01 - EP)

Citation (search report)

- [X] EP 1867246 A1 20071219 - VALIGERIA RONCATO SPA [IT]
- [X] US 2200972 A 19400514 - LEO STEIN
- [X] EP 2344001 A1 20110720 - VALIGERIA RONCATO SPA [IT]
- [X] US 2016166024 A1 20160616 - LAI WEI-HUNG [TW]
- [X] EP 2826394 A1 20150121 - SAMSONITE IP HOLDINGS SARL [LU]
- [X] WO 2016071929 A1 20160512 - GT LINE SRL [IT]
- [X] WO 2016026428 A1 20160225 - JIN SHASHA [CN]

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 3342308 A1 20180704; CN 108236179 A 20180703

DOCDB simple family (application)

EP 17171239 A 20170516; CN 201611227648 A 20161227