

Title (en)
ZIPPER STRUCTURE FOR LUGGAGE, AND TROLLEY CASE

Title (de)
REISSVERSCHLUSSSTRUKTUR FÜR GEPÄCK UND ROLLKOFFER

Title (fr)
STRUCTURE DE FERMETURE À GLISSIÈRE POUR BAGAGE ET VALISE À ROULETTES

Publication
EP 4029403 A4 20231025 (EN)

Application
EP 20900885 A 20201130

Priority
• CN 201922246100 U 20191216
• CN 2020132562 W 20201130

Abstract (en)
[origin: EP4029403A1] Provided is a zipper structure for suitcases, including a zipper strip. The zipper strip includes a front chain belt and a rear chain belt, and also includes a front rubber strip and a rear rubber strip. The front rubber strip is bonded on the front case of the suitcase by thermal pressing. The rear rubber strip is bonded on the rear case of the suitcase by thermal pressing. The front chain belt is connected to the front rubber strip through the front zipper fixing coil. The rear chain belt is connected to the rear rubber strip through the rear zipper fixing coil. Also disclosed is a trolley bag utilizing the zipper structure for suitcases as described. The zipper structure and trolley bag as provided cancels the traditional manual sew process and realize the automatic production for zipper suitcases.

IPC 8 full level
A45C 13/10 (2006.01); **B29C 65/02** (2006.01)

CPC (source: EP US)
A45C 13/103 (2013.01 - EP US); **A45C 13/30** (2013.01 - US)

Citation (search report)
• [A] CN 203828258 U 20140917 - LAI JIAHONG, et al
• [A] CN 103379839 B 20150805
• See also references of WO 2021121014A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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