

Title (en)
Z-FOLDABLE STROLLER AND ACCESSORIES

Title (de)
Z-ZUSAMMENKLAPPBARER KINDERWAGEN UND ZUBEHÖR

Title (fr)
POUSSETTE PLIABLE EN Z ET ACCESSOIRES

Publication
EP 3484758 A1 20190522 (EN)

Application
EP 17826682 A 20170712

Priority

- CN 201610544566 A 20160712
- CN 201610544569 A 20160712
- CN 201620729112 U 20160712
- CN 201620729113 U 20160712
- CN 201620729131 U 20160712
- CN 201620729357 U 20160712
- CN 201620729358 U 20160712
- CN 201620872619 U 20160812
- AU 2016903527 A 20160902
- AU 2016903528 A 20160902
- AU 2016903529 A 20160902
- AU 2016903530 A 20160902
- AU 2016903531 A 20160902
- AU 2016903533 A 20160902
- AU 2017050715 W 20170712

Abstract (en)
[origin: WO2018009971A1] A collapsible stroller frame assembly which is selectively configurable in an unfolded configuration for carrying a child or infant, and a folded configuration for compact storage or transport in a vehicle, the frame assembly comprising: a front wheel frame with a front wheel assembly; a rear wheel frame with a rear wheel assembly; a lower hinge connecting the front wheel frame to the rear wheel frame in articulated manner, a seat frame hingedly connected to the lower hinge; an upper hinge connected to the seat frame at a position spaced from the lower hinge; a handle frame connected to the upper hinge, a manual release for user actuation; and a mechanical link between the upper and lower hinges; wherein the lower hinge is lockable to hold the seat frame, the front wheel frame and the rear wheel frame in the unfolded configuration, and unlockable to allow relative rotation of the seat frame, the front wheel frame and the rear wheel frame into the folded configuration; and the upper hinge is lockable to hold the handle frame and the seat frame in the unfolded configuration, and unlockable to allow rotation of the handle frame relative to the seat frame into the folded configuration; such that, user actuation of the manual release unlocks the upper hinge for rotation of the handle frame relative to the seat frame, and the mechanical link unlocks the lower hinge in response to a predetermined angular rotation of the handle frame relative to the seat frame.

IPC 8 full level
B62B 7/06 (2006.01); **A47D 9/00** (2006.01)

CPC (source: EP)
B62B 7/062 (2013.01); **B62B 7/142** (2013.01); **B62B 9/20** (2013.01); **B62B 2205/003** (2013.01); **B62B 2205/22** (2013.01)

Cited by
EP4371850A1; US11390311B2; WO2021105286A1

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)
WO 2018009971 A1 20180118; AU 2017295309 A1 20190207; CA 3030578 A1 20180118; EP 3484758 A1 20190522; EP 3484758 A4 20200318; IL 264220 A 20190228

DOCDB simple family (application)
AU 2017050715 W 20170712; AU 2017295309 A 20170712; CA 3030578 A 20170712; EP 17826682 A 20170712; IL 26422019 A 20190113