

Title (en)
WHEELCHAIR

Title (de)
ROLLSTUHL

Title (fr)
FAUTEUIL ROULANT

Publication
EP 3782595 A1 20210224 (EN)

Application
EP 19204968 A 20191023

Priority
TW 108129684 A 20190820

Abstract (en)
A wheelchair including a main frame (1), two main wheels (2), a caster (32) and an assistive driving system (3) is disclosed. The two main wheels (2) are coaxially mounted to two sides of the main frame (1), respectively. A first reference plane (S1) passes through a center of each of the two main wheels (2). The first reference plane (S1) is parallel to the ground. The assistive driving system (3) includes a slanted bar (31) connected to the caster (32) and the main frame (1). The slanted bar (31) has a force-exerting point (P) with respect to the main frame (1). The force-exerting point (P) is located on the first reference plane (S1). The caster (32) is relatively adjacent to a rear end of the main frame (1) than the force-exerting point (P) is.

IPC 8 full level
A61G 5/04 (2013.01)

CPC (source: EP)
A61G 5/04 (2013.01); **A61G 5/047** (2013.01)

Citation (applicant)
US 10265228 B2 20190423 - RICHTER MARK [US]

Citation (search report)
• [X] WO 2018201228 A1 20181108 - DIMITROV DIMITRE PETKOV [CA]
• [XP] DE 202018006256 U1 20191014 - ALBER GMBH [DE]
• [X] EP 3434244 A1 20190130 - LI YUAN MACHINERY CO LTD [TW]
• [A] EP 0419085 A1 19910327 - PROPEL PARTNERSHIP 1987 [IL], et al

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 3782595 A1 20210224; EP 3782595 B1 20230215; TW 202108105 A 20210301; TW I765171 B 20220521

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