

Title (en)
ROPE ADJUSTING DEVICE AND ASSEMBLY

Title (de)
SEILBANDVERSTELLVORRICHTUNG UND -ANORDNUNG

Title (fr)
DISPOSITIF ET ENSEMBLE DE RÉGLAGE DE CORDE

Publication
EP 3578069 A4 20191211 (EN)

Application
EP 18852706 A 20180619

Priority
• CN 201810374864 A 20180424
• CN 2018091847 W 20180619

Abstract (en)
[origin: EP3578069A1] A rope belt adjusting device and assembly. The rope belt adjusting device comprises: a driving member(1), a wire winding member(2) and a mounting base(3), wherein the driving member(1) and the wire winding member(2) are coaxially arranged, the driving member(1) is movably connected with the wire winding member(2), and both the driving member(1) and the wire winding member(2) are arranged in the mounting base(3); the driving member(1) drives the wire winding member(2) to rotate clockwise or counterclockwise with respect to the mounting base(3); the wire winding member(2) is provided with a fixing portion(24) configured to fix a binding belt and an elastic portion(21) configured to be connected with the driving member(1), and the driving member(1) is provided thereon with an cirque engagement section(121) configured to be cooperated with the elastic portion(21). When a user performs fixing by the binding belt, the rope belt adjusting device can avoid the tying operation, and a rope belt can be in a tight state by rotatably operating the driving member(1) with only one hand; the rope belt is in a loosened state by disengaging the driving member(1) from the wire winding member(2), which is simple in operation, saves time and is convenient for use by beginners or users with inconvenient use of both hands.

IPC 8 full level
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CPC (source: CN EP)
A43C 11/00 (2013.01 - CN); **A43C 11/165** (2013.01 - EP)

Citation (search report)
• [X] CN 207054983 U 20180302 - SHI QIUXIA
• [A] DE 202010010936 U1 20101021 - HU JIN JIA [TW], et al
• See references of WO 2019205261A1

Cited by
US11730236B2; EP3861883A4; US11317679B2

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 3578069 A1 20191211; **EP 3578069 A4 20191211**; **EP 3578069 B1 20220112**; CN 108354269 A 20180803; CN 108354269 B 20190913; WO 2019205261 A1 20191031

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