

Title (en)
RECLAIMING ROPE-TYPE PLANT

Title (de)
ANLAGE VOM RÜCKHOLSEILTYP

Title (fr)
INSTALLATION DU TYPE À CÂBLES

Publication
EP 3365213 A1 20180829 (EN)

Application
EP 16815969 A 20161019

Priority
• IT UB20155405 A 20151020
• IT 2016000244 W 20161019

Abstract (en)
[origin: WO2017090065A1] A rope-system is described, adapted to use ropes as runways (6, 7) for handling people or materials at different heights, comprising: a carrier station (1, 2) equipped with at least one carrier handling rope (34); a return and tensioning station (3, 5) for the rope, which is a connection line between the stations and forms a ring with carrier function on one way and with return function on another way, the connection line being equipped with at least one shoe-type element (132, 133) for supporting the rope and/or with jumpers (11, 131) having a supporting function for the rope during its traction and a joining function of the rope when it operates as carrier rope; at least one handling means (10, 300, 302) which follow, on the shoe- type element, a circular trajectory, the frame of the handling means instead, optimizing the curve, performs a trajectory marked by a joining line traced by the wheel assemblies (209, 210) of the handling means, the position of the carrier rope when going out of the tractor station and the return and tensioning station being obtained by applying side abutments, the center-distance of the rope given by a union bar (153) between tractor rope (153) and return rope (153) being kept constant by the line jumpers (11, 131) which also perform the function of supporting the rope.

IPC 8 full level
B61B 7/02 (2006.01); **B61B 12/00** (2006.01); **B61B 12/02** (2006.01)

CPC (source: EP)
B61B 7/02 (2013.01); **B61B 12/007** (2013.01); **B61B 12/026** (2013.01); **Y02T 30/00** (2013.01)

Citation (search report)
See references of WO 2017090065A1

Cited by
CN115122301A

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 2017090065 A1 20170601; EP 3365213 A1 20180829; IT UB20155405 A1 20160120

DOCDB simple family (application)
IT 2016000244 W 20161019; EP 16815969 A 20161019; IT UB20155405 A 20151020