Title (en)

ADAPTER FOR THE BOOM OF A VEHICLE FOR RECEIVING, TRANSPORTING AND LAYING A BRIDGE OR A BRIDGE ELEMENT

Title (de)

ADAPTER FÜR DEN AUSLEGER EINES FAHRZEUGS ZUM AUFNEHMEN, TRANSPORTIEREN UND ABLEGEN EINER BRÜCKE BZW. EINES BRÜCKENELEMENTS

Title (fr)

ADAPTATEUR POUR POUTRE DANS UN VÉHICULE DESTINÉ À LA RÉCEPTION, AU TRANSPORT ET AU DÉPÔT D'UN PONT OU D'UN ÉLÉMENT DE PONT

Publication

EP 3660217 B1 20201028 (DE)

Application

EP 19208386 A 20191111

Priority

DE 102018130235 A 20181129

Abstract (en)

[origin: CA3061587A1] An adapter (10) for the boom (210) of a vehicle (200) for picking up, transporting and laying a bridge element (100), the bridge element (100) having two supports (110, 120) arranged parallel to each other and spaced apart that form a vehicle track, a running rail (130) arranged on each of the sides of the support (110, 120) that face the other support (120, 110) for receiving rollers of an advancing device which horizontally advances the bridge element (100), and a drive rack (140) arranged on each of the supports (110, 120) and extending along the respective running rail (130) and in each case formed from a plurality of pins (150) arranged in a row and joined on one side to a support (110, 120) and configured for engagement with a drive pinion of the advancing device characterized by at least two clamping devices (20) configured to be displaceable in opposite directions, each having a first section (30) insertable into a running rail (130) of one of the supports (110, 120) and a second section (40) having a plurality of recesses (50) for receiving the free ends of a predetermined number of pins (150) of the drive rack (140) of the same support (110, 120).

IPC 8 full level

E01D 15/127 (2006.01)

CPC (source: EP)

E01D 15/127 (2013.01)

Cited by

CN111249749A; EP3875688A1

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

DOCDB simple family (publication)

EP 3660217 A1 20200603; **EP 3660217 B1 20201028**; CA 3061587 A1 20200529; CA 3061587 C 20211207; DE 102018130235 A1 20200604; DE 102018130235 B4 20210415; DK 3660217 T3 20201130; ES 2847653 T3 20210803

DOCDB simple family (application)

EP 19208386 A 20191111; CA 3061587 A 20191114; DE 102018130235 A 20181129; DK 19208386 T 20191111; ES 19208386 T 20191111