

Title (en)  
DEVICE AND METHOD FOR TRANSPORTING A COIL

Title (de)  
TRANSPORTVORRICHTUNG UND VERFAHREN ZUM TRANSPORTIEREN EINES COILS

Title (fr)  
APPAREIL ET MÉTHODE DE TRANSPORT D'UNE BOBINE

Publication  
**EP 3366381 A1 20180829 (DE)**

Application  
**EP 17157294 A 20170222**

Priority  
EP 17157294 A 20170222

Abstract (en)  
[origin: WO2018153982A1] The invention relates to a transport device (2, 50, 56, 88) for transporting a coil (4), comprising a coil transport cart (6) having a chassis (8) and having a coil support (10), which is height-adjustable relative to the chassis (8). In order to enable secure transport of the coil (4), according to the invention, the transport device (2, 50, 56, 88) has a movable fastening device (12) having a clamping unit (22) for pressing the coil (4) to be transported against the coil support (10), the clamping unit (22) being height-adjustable relative to the coil support (10) and being able to be at least partly inserted into a coil eye (42) of the coil (4), and the fastening device (12) being fastened to the coil support (10) or to the chassis (8) of the coil transport cart (6), and the coil support (10) having a cut-out (40), into which the clamping unit (22) can be at least partly lowered. The invention further relates to a use of such a transport device (2, 50, 56, 88), to a coil-processing system (70, 118) having such a transport device (2, 50, 56, 88), and to a method for transporting a coil (4).

Abstract (de)  
Die Erfindung betrifft eine Transportvorrichtung (2, 50, 56, 88) zum Transportieren eines Coils (4), aufweisend einen Coiltransportwagen (6) mit einem Fahrgestell (8) und einer Coilauflage (10), welche gegenüber dem Fahrgestell (8) höhenverstellbar ist. Um einen sicheren Transport des Coils (4) zu ermöglichen, wird vorgeschlagen, dass die Transportvorrichtung (2, 50, 56, 88) eine verfahrbare Fixiervorrichtung (12) mit einer Klemmeinheit (22) zum Anpressen des zu transportierenden Coils (4) gegen die Coilauflage (10) aufweist, wobei die Klemmeinheit (22) gegenüber der Coilauflage (10) höhenverstellbar ist und zumindest teilweise in ein Coilauge (42) des Coils (4) einführbar ist. Darüber hinaus betrifft die Erfindung eine Verwendung einer solchen Transportvorrichtung (2, 50, 56, 88), eine Coilverarbeitungsanlage (70, 118) mit einer solchen Transportvorrichtung (2, 50, 56, 88) sowie ein Verfahren zum Transportieren eines Coils (4).

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**B21C 47/24** (2006.01)

CPC (source: EP RU US)  
**B21C 47/24** (2013.01 - EP RU US)

Citation (search report)

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