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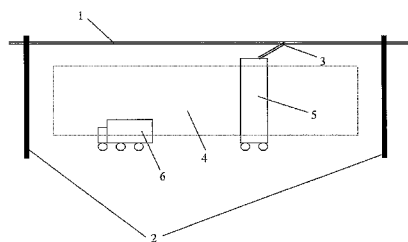
- 关于申请人有权申请并被授予专利(细则4.17(ii))
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本国际公布:

- 包括国际检索报告。

(54) Title: POWER SUPPLYING EQUIPMENT FROM ELECTRIC SUPPLY NETWORK FOR RUBBER-TIRED CRANE
IN PORT

(54) 发明名称: 港口集装箱轮胎吊电网供电设备



(57) Abstract: A power supplying equipment from electric supply network for rubber-tired gantry crane in port, which includes an electric cable (1) connecting with the electrical supply network and an electric power system of the rubber-tired gantry crane, wherein the cable (1) spans over the rubber-tired gantry crane (5) overhead by electric wire poles or towers (2), the height of the cable is higher than the height of the transport vehicle (6), the slide conductor (3) which can contact electrically with the cable is provided on the electric cable movably, the slide conductor (3) connects with the electric power system of the rubber-tired gantry crane by the conducting wire. Using said equipment,

the rubber-tired gantry crane can obtain the electric energy via the electric power supplying network so as to load or unload the containers; the movement of the traveling gear of the rubber-tired gantry crane does not require specially straightly; and the equipment can be mounted on the space and area near the container stacking yard easily, no special requirement for the yard; and it is also easy for the rubber-tired gantry crane to transfer the yard.

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(57) 摘要:

一种港口集装箱轮胎吊电网供电设备,包括与供电电网相连接的电线电缆(1)和轮胎吊电源系统,其中电线电缆(1)用电线杆或电线塔架(2)高空固定架设于轮胎吊(5)上方,电线电缆的位置高于集装箱卡车(6)的高度,电线电缆上活动设置有与电线电缆(1)电接触的滑线导电装置(3),滑线导电装置(3)通过导线与轮胎吊电源系统相连接。采用所述的设备,轮胎吊可以通过电网供给电能进行装卸集装箱作业;轮胎吊大车的移动不需要特别要求直线运行;并且该设备可方便地在港口集装箱堆场(4)边的空隙和空地架设,对场地无特别要求;也为轮胎吊的转场提供了极大的便利。