

Title (en)

OVERHEAD CONVEYING DEVICE HAVING A VERTICALLY ARRANGED CONVEYING DEVICE

Title (de)

ÜBERFLURFÖRDEREINRICHTUNG MIT VERTIKAL ANGEORDNETER FÖRDEREINRICHTUNG

Title (fr)

SYSTÈME DE CONVOYAGE AÉRIEN COMPRENANT UN CONVOYEUR DISPOSÉ VERTICALEMENT

Publication

EP 3568340 A1 20191120 (DE)

Application

EP 17816538 A 20171128

Priority

- DE 102017100450 A 20170111
- EP 2017080641 W 20171128

Abstract (en)

[origin: WO2018130335A1] The invention relates to an overhead conveying device (01) to be incorporated into an assembly plant for transporting vehicle components (02) by means of a conveying device (03) arranged on the overhead conveying device (01), and having a support frame (06), wherein the support frame (06) has a length of more than 5 m and a width of more than 2 m, and wherein the conveying device (03) is mounted on the support frame (06), and wherein the support frame (06) and the conveying device (03) delimit a conveying corridor (05) in which the vehicle components (02) can be transported from an input point to an output point, and wherein the support frame (06) is mounted on the floor (11) or on the ceiling of the assembly plant by way of mounting means, and wherein the mounting means form, between the underside of the support frame (06) and the top side of the floor (11), a free space (12) that is suitable for component assembly and/or component transport and is able to be walked and/or driven over, wherein the conveying device (03) extends vertically upwards from the fastening plane (04) on the support frame (06) and laterally delimits the conveying corridor (05) on one side, wherein the vehicle components (02) can be transported in the conveying corridor (05) in a manner projecting laterally from the conveying device (03), and wherein the conveying device (03) is fixed to the support frame (06) on the top side of the fastening plane (04) by fastening means, and wherein the support frame (06) is formed by a framework which comprises girder elements (13, 14, 15) that are longitudinally directed, transversely directed, and extend diagonally in between and are connected together.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018130335A1

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DOCDB simple family (application)

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