

Title (en)

CONVEYOR SYSTEM FOR THE LOCAL TRANSPORT OF WORKPIECES AND USE OF SAME WITH OR IN A COATING SYSTEM

Title (de)

FÖRERSYSTEM ZUM LOKALEN TRANSPORT VON WERKSTÜCKEN SOWIE VERWENDUNG DESSELBEN MIT ODER IN EINER LACKIERANLAGE

Title (fr)

SYSTÈME DE TRANSPORT POUR LE TRANSPORT LOCAL DE PIÈCES ET SON UTILISATION AVEC OU DANS UN SYSTÈME DE REVÊTEMENT

Publication

**EP 4157759 A1 20230405 (DE)**

Application

**EP 21727409 A 20210517**

Priority

- DE 102020114047 A 20200526
- EP 2021062958 W 20210517

Abstract (en)

[origin: WO2021239487A1] The conveyer system (1) for the local transport of workpieces (5), which is in particular a circulating conveyor system, comprises a track (4), which has rail sections (8, 9) extending next to each other and portions (4a-4c), which are inclined differently from one another in relation to a horizontal plane (H) and along which load carriers (2) designed to receive the workpieces (3) can be moved one behind the other. Each load carrier has a running gear (5) with at least one first bearing assembly (6) and at least one second bearing assembly (7) which is spaced apart from the first bearing assembly (6) in relation to the extension of the track (4), by means of which bearing assemblies the load carriers (2) are guided on the track (4). At least in some sections there is a differing relative height position (Y1, Y2) between at least two rail sections (8, 9) running next to each other in the portions (4a-4c) of the track. The load carriers (2), which are each guided on at least one rail section (9) via their first bearing assembly (6) and on at least one further rail section (8), running next to said rail section (9), via their second bearing assembly (7), are oriented the same relative to the horizontal plane (H) at every point of the track (4) in relation to their direction of travel (F).

IPC 8 full level

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CPC (source: EP US)

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