

Title (en)

A DIRECTION CHANGING ARRANGEMENT FOR A MULTI-MOTOR CONFIGURATION LINEAR MOTOR CONVEYOR SYSTEM, LINEAR MOTOR SYSTEM AND A CONVEYOR SYSTEM

Title (de)

RICHTUNGSÄNDERUNGSANORDNUNG FÜR EIN LINEARMOTORFÖRDERSYSTEM MIT MEHRFACHMOTORKONFIGURATION, LINEARMOTORSYSTEM UND FÖRDERSYSTEM

Title (fr)

AGENCEMENT DE CHANGEMENT DE DIRECTION POUR UN SYSTÈME DE CONVOYEUR À MOTEUR LINÉAIRE ET CONFIGURATION MULTI-MOTEUR, SYSTÈME DE MOTEUR LINÉAIRE ET SYSTÈME DE CONVOYEUR

Publication

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Application

EP 20203581 A 20201023

Priority

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Abstract (en)

A linear motor system, a conveyor system and a direction changing arrangement for a multi-motor configuration linear motor conveyor system, the arrangement comprising a first rotatable motor segment (204, 304) and a second rotatable motor segment (205, 305), a first rotator (202, 302) and a second rotator (203, 303) having axes of rotation in parallel with each other and/or along a line formed by the motor segments, e.g. at the center line of the motor segments. The first rotator (202, 302) and the second rotator (203, 303) are separated with a distance and the first rotator (202, 302) is coupled to the first motor segment (204, 304) and the second rotator (203, 303) is coupled to the second motor segment (205, 305) such that rotating of each rotator causes rotation of the respective motor segments to at least two predefined positions. The arrangement further comprises a turning means (201, 301) operatively connected to the first rotator (202, 302) and the second rotator (203, 303) and configured to rotate the first motor segment (204, 304) and the second motor segment (205, 305) by driving the first rotator (202, 302) and the second rotator (230, 303).

IPC 8 full level

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CPC (source: EP)

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