

Title (en)
GANTRY CRANE

Title (de)
PORTALKRAN

Title (fr)
GRUE À PORTIQUE

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Application
EP 09740248 A 20090908

Priority
• AT 2009000352 W 20090908
• AT 15772008 A 20081009

Abstract (en)
[origin: WO2010040157A1] On a gantry crane comprising a carriage which is used to displace the gantry crane along a straight track formed by parallel rails (1) and which comprises a plurality of carriage groups (11), which each have at least two wheels (12) mounted rotatably on a subframe (16) and disposed at a distance from each other in the longitudinal direction of the respective rail (1) and of which at least two, preferably all, are connected rotatably about a vertical axis (23) to an end carriage (10) of the gantry crane, at least one measuring device (26) is present for at least one carriage group (11) connected rotatably about the vertical axis (23) to the associated end carriage (10), wherein said measuring device can detect the track position of at least one of the wheels (12) of the carriage group (11) with respect to the rail (1) on which it rolls and can output a track position (a) that corresponds to the respective track position. An actuator (28) acting between the carriage group (11) and the associated end carriage (10) is controlled by a regulating device (48, 49), to which the track position value (a) output by the measuring device (26) is fed. The carriage group (11) can be subjected by the actuator (28) with a torque (m) determined by said control about the vertical axis (23).

IPC 8 full level
B66C 9/16 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2010040157A1

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