

Title (en)
Gantry crane toy

Title (de)
Spielzeug-Portalkran

Title (fr)
Jouet grue à portique

Publication
EP 1442775 A1 20040804 (DE)

Application
EP 03028405 A 20031211

Priority
DE 20301384 U 20030129

Abstract (en)
The toy gantry crane (1) comprises a horizontal cross bearer with a running rail for a movable crab and supports at the ends of the cross bearer. The cross bearer and supports are tubular, which are releasably connectable to one another by connecting components. The cross bearer is formed by two parallel tubes. The lower ends (8) of the support tubes are inserted in a foot part (9) via a socket (10) on the under side of the housing of the rope crab is a guide component which has a shaft for the rope (20) of the crab and the crane hook (21) fixed to the end of the rope.

Abstract (de)
Ein Spielzeug-Portalkran umfassend einen horizontalen Querträger (3) mit einer Laufschiene für eine verfahrbare Seilwinde (4) und an den Enden des Querträgers (3) angeordnete Träger (7), wobei Querträger (3) und Träger (7) aus Rohren (3,7) bestehen, die über Verbindungselemente (2) miteinander lösbar verbindbar sind. <IMAGE>

IPC 1-7
A63H 17/12; A63H 31/02; A63G 9/02; A63G 9/04; A63G 9/12; A63G 9/16

IPC 8 full level
A63H 17/12 (2006.01)

CPC (source: EP)
A63H 17/12 (2013.01)

Citation (search report)
• [Y] US 4190248 A 19800226 - PHILIPPI GEORGE J [US]
• [Y] DE 1203651 B 19651021 - HANS BILLER
• [A] US 1745276 A 19300128 - SHERWOOD GLENN L
• [A] US 2567083 A 19510904 - STICKLE FRED H
• [A] US 2818289 A 19571231 - ISADORE HOROWITZ

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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