

Title (en)
Rubber-tyred gantry crane

Title (de)
Bereifter Portalkran

Title (fr)
Grue à portique à pneumatiques en caoutchouc

Publication
EP 1862422 A2 20071205 (EN)

Application
EP 07109029 A 20070528

Priority
IT CS20060008 A 20060530

Abstract (en)
A transporter crane or gantry crane, of the mobile type that is self-propelled on wheels (R), comprising a substantially quadrangular main body or load-bearing frame (1), mounted on at least four corner legs, is characterized in that said four legs are articulated with respect to the main body (1) and are equipped with respective means, designed to modify inclination thereof independently with respect to the others for raising/lowering said main frame (1) with respect to the terrain and to keep it levelled horizontally also in the presence of rough terrain or slopes, said load-bearing frame (1) being equipped with hooking means (8) for fixing loads to be lifted and transported and each leg having the bottom end constrained to at least one wheel (R). Said legs articulated with respect to the load-bearing frame (1), have an articulated-parallellogram structure actuated with hydraulic or pneumatic means.

IPC 8 full level
B66C 5/00 (2006.01); **B66C 19/00** (2006.01); **B66C 19/02** (2006.01)

CPC (source: EP)
B66C 5/00 (2013.01); **B66C 19/005** (2013.01); **B66C 19/02** (2013.01)

Cited by
CN107022786A; CN107022785A; CN102190252A; CN108622809A; CN111453626A; CN108792955A; FR3132907A1; CN102774747A; DE102019116809A1; US11919751B2; WO2023156750A1

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