

Title (en)

Lifting and translation frame, for educational or industrial use

Title (de)

Portalkran zum Verschieben für Lern- oder Industrieanwendungen

Title (fr)

Portique de levage et de translation, à usage pédagogique ou industriel

Publication

EP 2062845 B1 20151118 (FR)

Application

EP 08358014 A 20081119

Priority

FR 0708123 A 20071120

Abstract (en)

[origin: EP2062845A2] The crane has a beam including ends each resting on a gooseneck pole to form an assembly. A carriage is mounted on a ball-bearing runner and guided by rollers, where the carriage circulates on the assembly. The carriage is moved in translation by a pinion/ floating rack driving system that is limited in its course by mechanical stops with shock absorber blocks. The carriage has an articulated side (10) and another side with a load sensor (11). A gear motor acts as a winch (1), and is installed between the sides of the carriage to permit measurement of load (25) suspended to the winch.

IPC 8 full level

B66C 5/02 (2006.01); **B66C 13/06** (2006.01)

CPC (source: EP)

B66C 5/02 (2013.01); **B66C 13/06** (2013.01)

Cited by

CN106882709A; CN114743452A; CN107342013A; CN117566579A; CN113353106A; CN110759248A; CN105110034A; CN111099503A; CN104200737A; CN105776030A; CN106144901A; CN106847055A; CN111608249A; CN107826737A; US10315890B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2062845 A2 20090527; **EP 2062845 A3 20091209**; **EP 2062845 B1 20151118**; FR 2923819 A1 20090522

DOCDB simple family (application)

EP 08358014 A 20081119; FR 0708123 A 20071120