

Title (en)

Lifting device for a rectilinear movement of a handling means

Title (de)

Hubvorrichtung zum geradlinigen Bewegen eines Handhabungsmittels

Title (fr)

Dispositif de levage pour un déplacement rectiligne d' un moyen de manipulation

Publication

**EP 1213257 B1 20040506 (DE)**

Application

**EP 01250421 A 20011130**

Priority

DE 10061343 A 20001205

Abstract (en)

[origin: EP1213257A1] The extruded aluminium vertical members (1) for attachment to a fixed unit or a trolley for horizontal movement are rigidly spaced apart (2) by a plate (3) on sliding blocks (4). A guide rail (7) carrying a lifting member is slidably mounted to two carriages (5) screwed (6) to the plate (3). The lifting path is limited by stop angles (11) and buffers (12). The lifting member is moved by cable (15) and cable balancer (13) attached to the top of the members (1).

IPC 1-7

**B66D 3/18**

IPC 8 full level

**B66F 19/00** (2006.01); **B66C 13/56** (2006.01); **B66D 3/18** (2006.01)

CPC (source: EP)

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**EP 1213257 A1 20020612**; **EP 1213257 B1 20040506**; AT E265984 T1 20040515; CA 2364523 A1 20020605; DE 10061343 A1 20020613; DE 50102195 D1 20040609; JP 2002220200 A 20020806

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