

Title (en)

An apparatus for handling loads

Title (de)

Vorrichtung zur Handhabung von Lasten

Title (fr)

Dispositif de manutention des charges

Publication

**EP 0930263 A1 19990721 (EN)**

Application

**EP 98300239 A 19980114**

Priority

EP 98300239 A 19980114

Abstract (en)

The invention relates to an apparatus (1) for handling a load, of the type comprising a support structure (2), means (3) for gripping or handling a load, a device (15) for counterbalancing the weight of the load, means (21) for pre-setting or detecting said weight and operating on said counterbalancing device (15) and a first arm (17) hinged to said support structure (2) and supporting said load gripping or handling means (3). In order to avoid design problems of the apparatus structure or the counterbalancing device (15), said counterbalancing device (15) is a commercial zero-gravity balancer acting on at least a rope (16), said balancer and the free end of said rope (16) are attached to the support structure (2) and to a point (19) of said arm (17), or viceversa, and the attaching point (19) on said structure or said arm (7) is chosen according to the working features of said commercial balancer (1) and the required performances of the apparatus. <IMAGE>

IPC 1-7

**B66C 23/00**

IPC 8 full level

**B66C 23/00** (2006.01)

CPC (source: EP)

**B66C 23/005** (2013.01)

Citation (search report)

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