

Title (en)

MATERIAL HANDLING APPARATUS HAVING A REMOVABLE COUNTERWEIGHT

Publication

EP 0056769 A3 19830914 (EN)

Application

EP 82400085 A 19820118

Priority

US 22702181 A 19810119

Abstract (en)

[origin: EP0056769A2] A material handling apparatus (10) having a removable counterweight (121) with means for removably attaching a counterweight to said material handling apparatus, characterized in that it comprises a first support means (161) affixed to said material handling apparatus, a second support means (162) affixed to said material handling apparatus in proximity to said first support means (161), a counterweight structure (121) having a first resting surface (131) and a second resting surface (136) wherein said first resting surface (131) is adapted to be supported by said first support means (161) and said second resting surface (136) is adapted to be supported adjacent said second support means (162).

IPC 1-7

E02F 9/18; **B66C 23/72**

IPC 8 full level

B66C 23/74 (2006.01); **E02F 9/18** (2006.01)

CPC (source: EP)

B66C 23/74 (2013.01); **E02F 9/18** (2013.01)

Citation (search report)

- [X] US 3795330 A 19740305 - JORGENSEN S, et al
- [X] US 3533524 A 19701013 - WILCOX JOHN H
- [A] US 3853231 A 19741210 - LUTRELL R
- [A] DE 2543683 A1 19770407 - LINDE AG
- [A] US 2325089 A 19430727 - ZEILMAN ROY H

Cited by

CN110329929A; CN114877021A

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

EP 0056769 A2 19820728; **EP 0056769 A3 19830914**; JP S57140441 A 19820831

DOCDB simple family (application)

EP 82400085 A 19820118; JP 672882 A 19820119