

Title (en)

DEVICE FOR HANDLING BULK CONTAINER BAGS FILLED WITH POWDERED OR GRANULAR MATERIAL

Publication

**EP 0259230 B1 19910807 (FR)**

Application

**EP 87401967 A 19870902**

Priority

FR 8612378 A 19860903

Abstract (en)

[origin: US4792171A] Device for maneuvering large capacity bags filled with powdered or granular materials wherein a square 6 formed from four tubes 11-14 is placed on the bag, the cross-pieces 9 formed by the ends of the tubes being engaged in the straps 2-5 of the bag. The forks of a forklift truck can be inserted in two parallel tubes enabling the bag to be maneuvered without risk of overturning, without the truck driver leaving his seat and without the help of another person. Equipped with an annular accessory 18 forming a support for the funnel 21 of a bag 20 which can be locked onto the inner sides of the tubes so that is inscribed in the square, one of the major applications of the device according to the invention is the robotization of the emptying and filling of flexible containers.

IPC 1-7

**B65D 88/16**

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2721304A1; AU737364B2; US6390675B1; WO9935058A1; WO2004039718A1; US7226209B2; WO2008084130A1; US9481509B2

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