

Title (en)
Packaging and weighing system

Title (de)
Verpackungs-und Wiegesystem

Title (fr)
Système d'emballage et de pesage

Publication
EP 2500276 A1 20120919 (EN)

Application
EP 12159615 A 20120315

Priority
JP 2011056452 A 20110315

Abstract (en)
A packaging machine (1) discharges a plurality of packaged units of products (100) arranged in a plurality of rows in parallel in an X axial direction. The plurality of rows of products (100) discharged in parallel from the packaging machine (1) come to rest upon a rest (2). A weighing machine (3) has a rest surface (3a) disposed in line with the rest (2) in a Y axial direction, and weighs each of the plurality of units of products (100) resting upon the rest surface (3a). A conveyor (4) conveys the products (100) resting thereupon in the X axial direction. A robot conveys the plurality of rows of products (100) resting on the rest (2) in rows in sequence to the rest surface (3a) of the weighing machine (3), and conveys the row of products (100) weighed by the weighing machine (3) from the rest surface (3a) to the conveyor (4).

IPC 8 full level
B65B 1/46 (2006.01); **B65B 35/38** (2006.01)

CPC (source: EP)
B65B 1/46 (2013.01); **B65B 61/28** (2013.01); **B65B 35/38** (2013.01)

Citation (applicant)
JP 2008536768 A 20080911

Citation (search report)
• [YD] JP 2008536768 A 20080911
• [Y] DE 102009022820 A1 20101202 - IWK VERPACKUNGSTECHNIK GMBH [DE]
• [A] US 3225891 A 19651228 - HICKIN ROBERT J, et al

Cited by
CN107531338A; CN111153199A; DE102019108887A1; EP2733095A1; CN103818581A; GB2517145A; GB2517145B; US9708089B2; US10967998B2; EP4067241A3; WO2016142564A1

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Designated extension state (EPC)
BA ME

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