

Title (en)

Packaging filling unit with integrated emty container magazine

Title (de)

Verpackungsmaschine zum Befüllen von Behältern mit eingebautem Speicermagazin

Title (fr)

Unité de remplissage de conteneurs comportant un magasin de stockage intégré

Publication

EP 1669294 A1 20060614 (FR)

Application

EP 04106371 A 20041207

Priority

EP 04106371 A 20041207

Abstract (en)

The filling unit (10) has four modules (12, 18, 24, 28) and multiple empty container storage modules (32) that are longitudinally aligned. Each module (32) has multiple elevation conveyor belts (54) aligned vertically with respect to each other to form a conveyor belt line allowing conveying of container cases issued from the modules (32) towards a conveyor (14) by successively passing via the belts.

IPC 8 full level

B65B 35/04 (2006.01); **B65B 59/04** (2006.01); **B65G 47/51** (2006.01)

CPC (source: EP)

B65B 35/04 (2013.01); **B65B 59/04** (2013.01)

Citation (search report)

- [A] US 4860519 A 19890829 - LEMAIRE DIDIER [FR], et al
- [A] CA 1185575 A 19850416 - CONSUMERS GLASS CO LTD
- [A] US 5895195 A 19990420 - SIMMONS DAVE E [US], et al
- [A] WO 02051706 A1 20020704 - AAUTOMAG S R L [IT], et al
- [A] US 4379671 A 19830412 - COCHRAN DONALD D
- [A] EP 0956766 A1 19991117 - VANHAECKE HUBERT [BE]
- [A] DE 19942660 A1 20000309 - AZIONARIA COSTRUZIONI ACMA SPA [IT]

Cited by

CN107051920A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1669294 A1 20060614

DOCDB simple family (application)

EP 04106371 A 20041207