

Title (en)
IMPROVEMENTS IN AND RELATING TO PACKAGING APPARATUS

Title (de)
VERBESSERUNGEN AN ODER IM ZUSAMMENHANG MIT EINER VERPACKUNGSVORRICHTUNG

Title (fr)
AMÉLIORATIONS APPORTÉES À ET EN RELATION AVEC UN APPAREIL D'EMBALLAGE

Publication
EP 3945038 A1 20220202 (EN)

Application
EP 20188254 A 20200728

Priority
EP 20188254 A 20200728

Abstract (en)
A packaging apparatus and method is provided. The packaging apparatus comprises: a support platform for supporting packaging containers positioned thereon, the support platform comprising a support portion moveable between a first position and a second position; and a belt transport arrangement for transporting packaging containers away from the support platform in a first transport direction; the belt transport arrangement comprising a belt arrangement comprising a pair of belts, the pair of belts defining opposing contacting surfaces for contacting packaging containers. The apparatus is operable between: a first configuration wherein the support portion is in the first position to support one or more packaging containers positioned thereon; and a second configuration wherein the support portion is in the second position and contacting surfaces of the belts engage the one or more packaging containers.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [A] US 2011072764 A1 20110331 - DANIEK V MICHAEL [US], et al
• [A] US 2014374217 A1 20141225 - BUCHENBERG WOLFGANG [DE]
• [A] US 5860270 A 19990119 - GERWE THOMAS K [US]
• [A] WO 2011154744 A1 20111215 - ISHIDA EUROP LTD [GB], et al

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