

Title (en)
Compact boxing machine

Title (de)
Platzsparende Kartoniermaschine

Title (fr)
Machine d'encartonnage compacte

Publication
EP 1595791 A3 20051214 (EN)

Application
EP 05104002 A 20050512

Priority
IT TO20040324 A 20040514

Abstract (en)
[origin: EP1595791A2] A compact boxing machine (1) having a packing container conveyor (4) for feeding a succession of packing containers (3) along a path through a filling station where a compact group of products (2) is positioned inside each packing container (3); and a product grouping and compacting platform (5) located alongside the packing container conveyor (4), at the filling station, to receive the loose products (2) and to compact and arrange the products (2) so as to form the cited compact groups; the filling station being located at the start end of the packing container conveyor (4); and the boxing machine (1) also having a packing container store (6) located alongside the packing container conveyor (4), at least partly beneath the product grouping and compacting platform (5). <IMAGE>

IPC 1-7
B65B 21/18; **B65B 43/18**; **B65B 43/26**

IPC 8 full level
B65B 5/02 (2006.01); **B65B 21/18** (2006.01); **B65B 43/14** (2006.01); **B65B 43/18** (2006.01); **B65B 43/26** (2006.01); **B65B 43/32** (2006.01)

CPC (source: EP)
B65B 5/024 (2013.01); **B65B 21/18** (2013.01); **B65B 43/265** (2013.01)

Citation (search report)
• [Y] EP 1020361 A2 20000719 - RONCHI MARIO S R L [IT]
• [Y] US 4499704 A 19850219 - BACON FORREST C [US], et al
• [Y] FR 2827259 A1 20030117 - MAUBRAC SOC D EXPL DES ETS [FR]
• [Y] US 3592000 A 19710713 - KAPARE ERIK GUNNAR
• [A] WO 2004014730 A1 20040219 - GD SPA [IT], et al
• [A] US 4463541 A 19840807 - NOWACKI ULRICH G [US]
• [A] US 4583965 A 19860422 - ARGAZZI IVO [IT]
• [Y] GB 2282799 A 19950419 - DENMAN LTD [IE]
• [A] NL 8702189 A 19890403 - BOSGRAAF & ZIJLSTRA B V
• [A] FR 2335343 A1 19770715 - RAPIDEX SA [FR]

Cited by
CN104859894A; ITUB20159768A1; EP3381819A3; WO2017114833A1; WO2018177749A1

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 1595791 A2 20051116; **EP 1595791 A3 20051214**; IT TO20040324 A1 20040814

DOCDB simple family (application)
EP 05104002 A 20050512; IT TO20040324 A 20040514