

Title (en)
Unpacking device

Title (de)
Auspackvorrichtung

Title (fr)
Machine de déballage

Publication
EP 0947428 A1 19991006 (EN)

Application
EP 99201000 A 19990330

Priority
• NL 1008751 A 19980330
• NL 1009575 A 19980706

Abstract (en)
The invention relates to a device for unpacking elements packed as a roll in a flexible packaging, which device comprises: supply means (3) for supplying a roll of packed elements (7) from a first buffer (2); cutting means (4) for cutting through the packaging of the roll along the whole length; removing means (5) for removing the cut packaging; first transport means (10) for transporting the roll from the first buffer to the removing means; second transport means (6) for transporting the unpacked elements from the removing means to a second buffer (29); and discharge means (33,34) for discharging the elements from the second buffer (29) to an already existing continuous flow of elements (32). <IMAGE>

IPC 1-7
B65B 69/00

IPC 8 full level
B65B 69/00 (2006.01)

CPC (source: EP)
B65B 69/0033 (2013.01)

Citation (search report)
• [X] NL 9400897 A 19950116 - KIRIN BREWERY
• [X] EP 0525756 A1 19930203 - KIRIN BREWERY [JP]
• [A] GB 2214483 A 19890906 - KIRIN BREWERY [JP]
• [A] NL 9201286 A 19940216 - CSW MASCHF

Cited by
ITBO20110706A1; CN106144097A; DE102005011240A1; NL1013723C2; ITBO20120517A1; CN106144098A; ITBO20120516A1; US6708842B2; WO2004083050A3; WO0140059A1; US7758292B2; US8561381B2; EP2110331A2; US8117733B2; WO2009044258A3; WO03091115A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0947428 A1 19991006; NL 1009575 C2 19991001

DOCDB simple family (application)
EP 99201000 A 19990330; NL 1009575 A 19980706