

Title (en)
APPARATUS FOR PACKING ARTICLES FED IN A CONTINUOUS FLOW

Publication
EP 0043171 B1 19840926 (EN)

Application
EP 81200728 A 19810626

Priority
NL 8003809 A 19800701

Abstract (en)
[origin: EP0043171A1] An apparatus for packing articles or bundles of articles, comprising means for continuously feeding the articles to be packed in spaced apart relation, means for the continuous supply of a continuous web of packing material, means for wrapping said material around the articles, means for advancing the wrap, means for adhering the longitudinal sealing seam portions to each other, and means for forming the transverse sealing seams and severing these seams, while with respect to the direction of movement of the web of packing material before said means for forming a wrap, a perforating device is provided consisting of two rollers (6,7) driven in synchronism, of which the one roller is provided with at least one perforating knife (8) and of which the other roller is provided with at least an anvil (9) for cooperating with the perforating knife, and means for guiding the web of packing material between said rollers. Preferably the rollers (6,7) are in driving connection with each other, whereas one of said rollers is in driving connection with a crank mechanism (26) the connecting rod (27) of which is coupled at its other end to a second crank mechanism (28) which is in driving connection with a driving shaft of the packing apparatus, one of the crank mechanisms mounted for displacement so that the axis of the pivot shafts of the two crank mechanisms may be displaced in parallel relations in a direction with respect to each other.

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B65B 61/02 (2013.01); **B65D 75/585** (2013.01)

Citation (examination)
• US 3420035 A 19690107 - DEANS HOWARD, et al
• US 3397505 A 19680820 - CRITCHELL DEAN J

Cited by
CN103523296A; EP0771731A1; EP0980834A1; ITBO20120704A1; US10329065B2; US7174697B2; WO2015143299A1; WO0005148A3; US10807747B2

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