

- [54] WEB PROCESSING MECHANISM FOR FORMING PACKAGES
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[57] **ABSTRACT**

A packaging machine processes a continuous web fed

from a roll to form a sequence of packages or bags preferably filled with a product during its formation and sealing. The bag is formed by folding the web and sealing two web edges together longitudinally and thereafter transversely processing the web to close and seal the package ends before cutting the package from the web. In processing the package, the transverse processing mechanism operates intermittently cyclically or upon demand to grasp the web, move it, seal it and selectively to cut it to produce optionally either individual packages or a web connected sequence of two or more packages.

The transverse processing mechanism comprises a piston operated reciprocable member with links moving two jaws on opposite sides of the web together into engagement with the web. The jaws have grasping, sealing and cutting members thereon, with the cutting member optionally programmed for cutting the web at will thereby permitting choice of individual or multiple package output products.

Firm contact operation with low operating power is achieved by moving in opposite directions two jaws by a reciprocating rocker movable over an arc of about 90° to extend two links to substantially linear disposition in opposite directions when the jaws close to grasp the web.

7 Claims, 7 Drawing Figures

