

Title (en)
CONTINUOUSLY OPERATING VERTICAL BAG FORMING, FILLING AND SEALING MACHINE

Title (de)
KONTINUIERLICH ARBEITENDE VERTIKALE SCHLAUCHBEUTELMASCHINE

Title (fr)
ENSACHEUSE VERTICALE FONCTIONNANT EN CONTINU

Publication
EP 1689643 B1 20080116 (DE)

Application
EP 04786819 A 20040921

Priority
• DE 2004002102 W 20040921
• DE 10344116 A 20030924

Abstract (en)
[origin: US7448188B2] A machine for forming a bag of a strip of weldable material, filling the bag with a fluent filling, and sealing the filled bag forms the strip into a longitudinally extending and laterally closed tube and continuously advances the tube longitudinally downward through a welding/folding station while pouring the filling into the tube above the station. A cross-seam welder and a folder at the station are both horizontally closable on opposite sides of the tube to form therein folds and a bag-forming crosswise weld. A vertically shiftable lifter is engageable under a filled section of the tube below the station. Simultaneously the welder and folder are closed on the tube to form a crosswise weld and to fold the tube horizontally inward while the filled section is raised and the welder and folder are moved downward generally synchronously while in contact with the downwardly moving tube.

IPC 8 full level
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