

Title (en)
APPARATUS AND METHOD FOR THE PRODUCTION OF PACKAGES FILLED WITH A LIQUID

Publication
EP 0029096 B1 19850130 (DE)

Application
EP 80105453 A 19800912

Priority
DE 2946059 A 19791115

Abstract (en)
[origin: US4387547A] A device for manufacturing packages filled with liquid, including a device for forming a web of paper having a thermo-plastic coating, into a tube which is vertically displaceable step by step in the device from above downwardly. The device also includes longitudinal and transverse embossing devices; sealing jaws working together in pairs for transversely sealing the tube when it is intermittently positioned stationary at intervals corresponding to the length of a package; a pair of cutting blades disposed beneath the sealing jaws a distance equal to the length of the package for separating the package from the tube in the area of a transverse welded seam; and rotatable supporting plates for the package, disposed between the transverse sealing jaws and the pair of cutting blades. In addition, it is preferred that the transverse embossing device be disposed above, and that the forming station be disposed below, a feeding device, so that their movements are coupled together; and that the forming station have movable forming jaws which embrace a given package on all sides. The forming jaws preferably include movable longitudinal measuring jaws as well as transverse measuring jaws which substantially completely enclose the sides of the packages being filled.

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