

Title (en)

PROCESS AND APPARATUS FOR THE COMPENSATORY STORAGE OF PACKAGING TAPE IN PACKAGING MACHINES

Publication

EP 0139088 B1 19880413 (DE)

Application

EP 84107232 A 19840623

Priority

DE 3335964 A 19831004

Abstract (en)

[origin: US4605178A] The packaging band in packaging machines, especially when it is formed from plastic, was previously temporarily stored in meandering loops. According to the invention, the band is stored in coils in a spiral relationship to each other, whereby the center of the spiral is shifted and the coils have a free intermediary space between each other. The packaging band can be easily fed at a tangent to the start of the smallest coil without sharp bends and removed at the largest coil by means of shifting the center. The spiral can also be in a standing position. It is advantageous in this instance if the packaging band is fed in and removed in the vicinity of the lowest point. The innermost coil is not limited in its size by any fixed stop means, but rather the infeed of packaging band is cut in by a sensing switch when the radius of the inner coil has reached a certain minimum size. The switch also cuts out the infeed to the storage unit in time during operation, so that the outermost coil does not firmly contact an outer ring.

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CPC (source: EP US)

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Citation (examination)

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