

Title (en)

Method of manufacturing drawtape bags with elastic drawtape

Title (de)

Verfahren zur Herstellung von Zugbandbeuteln mit dehnbarem Zugband

Title (fr)

Procédé pour fabriquer des sacs avec une bande de fermeture élastique

Publication

EP 1593487 A3 20060208 (DE)

Application

EP 05008241 A 20050415

Priority

DE 102004022845 A 20040508

Abstract (en)

[origin: EP1593487A2] A welding drum(46) has a welding unit(45) with one or more welding rails(47) extending along the drum length. Additional welding bars(50) are fitted to the drum in the area in which a stretchable tensioning band is to be welded onto a film strip bag(16). Welding bars(50) may be moved(E) to different positions around the drum(46) to suit different bags. At least one welding bar may be located on each side of a welding rail(47). The welding machine is supplied by a machine which controls the tension in the stretchable band. Feed tension is controlled by a pendulum rocker arm whose mass can be varied. A sensor on the rocker arm is connected electrically to a tension roll for the elastic band. The tension roll is located prior to the rocker arm and acts in conjunction with a pressure roll. A deflecting roll located between the feed unit has a larger diameter in the region of the tension band. The pendulum rocker arm immediately follows a storage roll system with a rocker arm. An independent claim is included for a process for feeding a stretchable band during manufacture of tension band-fitted plastic bags which involves feeding a tension band into a storage roll system via a rocker arm operated by a pneumatic cylinder and then running over a tensioning roll and pendulum rocker arm onto a plastic film strip(16).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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