

Title (en)
Bagging Control Apparatus and Method

Title (de)
Steuerung eines Verfahrens und einer Vorrichtung zum Verpacken in Beuteln

Title (fr)
Réglage d'un procédé et appareil d'ansachage

Publication
EP 0592096 B1 19970305 (EN)

Application
EP 93306801 A 19930826

Priority
• US 93692592 A 19920827
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Abstract (en)
[origin: EP0586201A1] An improved packaging machine that has improved features for feeding a web (11) in the form of a continuous chain of bags through the machine while helping maintain the web in proper alignment and proper tension, and having additional features for improved loading of the bags. The improved web feed includes a dancer assembly equipped with a pair of nips that are driven at speeds responsive to the rate of web travel through the machine so that tension between a web supply and the dancer nips is isolated from the downstream portions of the web. A web feed mechanism which automatically threads the web through baggers is also provided. The web feed mechanism includes elastic belts (76,77) which frictionally grip the web to isolate the tension in the section between the dancer nips and the belts from the tension of the web feed mechanism. Nips (73,74) adjacent the load station and at the downstream end of the web feed mechanism have surface speeds exceeding the surface speed of the belts to maintain tension on the web through the web feed mechanism and effect a slight pre-opening of the bags before they are delivered to the load station. Other features include a cantilevered support of the web supply and bagger, a bagger support which functions as a plenum, an improved dancer assembly, and improved application of compressed air for bag opening. <IMAGE>

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B65B 43/12; **B65B 57/04**

IPC 8 full level
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