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(54) Title: **PACKAGING CONTROLLER FOR CUSHIONING PRODUCING SYSTEM**

(57) Abstract: A packaging system includes a cushioning conversion machine for converting stock material into relatively low density cushioning material or dunnage and a packaging system controller. The packaging system controller provides packaging instructions related to a part or parts to be packaged and instructs the cushioning conversion machine to produce the cushioning material. In one aspect of the present invention the packaging system controller provides packaging instructions by retrieving a predetermined set of packaging instructions associated with a particular part. In another aspect of the present invention the packaging system controller provides packaging instructions by programming the instructions using an instruction programming tool. The packaging system also provides for pacing a packager through a set of packaging instructions and monitoring the packager's productivity.

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