

Title (en)
WIRE TYING DEVICE

Publication
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Application
EP 87908080 A 19871123

Priority
US 93456086 A 19861121

Abstract (en)
[origin: WO8803898A1] A wire tying device for tying a wire-like ribbon about a neck of a bag moved along a path by a conveyor (300). The packaging device includes a bag gathering apparatus (20) including a bag clamp plate (65) positioned adjacent the path of the neck of the bag and a plunger (22) which moves along the path to engage the neck of the bag between the clamping mechanism (120) and a slotted face plate (16) for pulling slack out of a plastic bag and to draw to the bag to a control tension about the product. An improved drive mechanism including coupling (190) smoothly and rapidly accelerates a needle for wrapping a section of wire ribbon around the neck of the bag, a twister hook (215) for twisting the wire, a wire holder-shear (160) for gripping and cutting the wire ribbon and a striper arm (230) for removing the twisted wire from the twister hook.

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