

Title (en)
WIRE PROCESSING SYSTEM

Publication
EP 0274240 A3 19881026 (EN)

Application
EP 87310851 A 19871210

Priority
US 94492386 A 19861222

Abstract (en)
[origin: EP0274240A2] A wire processing system, comprises: a) structure to advance a wire of selected cross-section generally endwise toward a primary station, the wire having a forward portion; b) a wire deformer at the primary station to form at least one bend in the advancing wire; c) a clamp at the primary station to clamp the forward portion of the wire that has passed the deformer; d) a cutter to sever the wire after a selected length of wire has advanced past the cutter, whereby a wire section of predetermined length is formed; e) and conveyor apparatus operable to grip the formed wire section and the convey that section along a generally longitudinally extending travel path away from the primary station after the clamp releases the wire, and with at least one end of the formed wire section presented laterally for processing, as for example insulation stripping and attachment of terminals to stripped wire ends. Wire sections of the same or different bend configuration may be controllably spaced on and by the conveyor apparatus. t

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Citation (search report)
• [X] GB 1154063 A 19690604 - MAVILOR MANUFACTURE DE VILEBRE [FR]
• [X] DE 2254877 B2 19760930
• [A] DE 647189 C 19370629 - ARTHUR ERNEST BLASHILL
• [A] US 4479376 A 19841030 - CARLSON ROBERT E [US], et al
• [A] GB 371300 A 19320421 - ARSENE FASQUELLE, et al
• [A] DE 3028834 A1 19820225 - WUENSCH ADOLF

Cited by
CN114453531A; CN114589274A; CN112536348A; CN106862427A; CN109079060A; US6069319A; EP0496049A1; US5368212A; EP0473036A3; CN110544860A; CN113200411A; WO9905757A1

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