

Title (en)
RAM drive mechanism.

Title (de)
Stößel Antriebsmechanismus.

Title (fr)
Mécanisme d'entraînement pour le poinçon.

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Application
EP 94301841 A 19940315

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Abstract (en)
A ram drive mechanism for an automated terminal crimping machine of the type having a rotating crank shaft with an offset crank pin (2) protruding therefrom and orbiting about the rotation axis of the crank shaft. The mechanism includes a ram (20) mounted for reciprocating motion in a first direction toward a crimping zone and in a second direction away from a crimping zone. The ram (20) carries tooling for performing a terminal crimping operation. The mechanism also includes a ram drive linkage comprising a drive link (40) having a pivotal connection with the crank pin (2) at one end. Another end of the drive link (40) has a pivotal connection with a link pin (50). The drive linkage reciprocates the ram (20) in accordance with orbiting of the crank pin (2). The ram (20) is arranged such that the one end of the drive link (40) is disposed relatively further in the first direction than the other end of the drive link (40), whereby the drive link (40) is in tension during the reciprocation of the ram (20) toward the crimping zone. <IMAGE>

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Cited by
CN108480959A; CN112688141A; EP1383212A1; EP0889561A1; US6067828A; EP0889560A1; EP2062724A3; US6192733B1; WO9824158A1; WO9802943A1

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