

Title (en)
Crimping machine.

Title (de)
Bördelmaschine.

Title (fr)
Machine à border.

Publication
EP 0201216 A1 19861112 (EN)

Application
EP 86302682 A 19860410

Priority
• US 72229085 A 19850411
• US 79914185 A 19851118

Abstract (en)
This disclosure relates to a machine for attaching a fitting to a length of hose by crimping. The machine comprises a base plate and die set which is positioned on and supported by the base plate. A power unit is mounted above the base plate and the die set, the unit including a movable ram and a ram extension which is pivotably connected to the ram. A die bowl is positioned over the die set, and the power unit is operable to drive the ram extension against the die bowl, this action crimping a fitting positioned in the die set. The ram extension is attached to the ram for pivotal movement on an axis that is perpendicular to the ram movement, so that the extension is movable up and away from the die set. The die set includes a die plate and die segments on the plate, and the die bowl is positioned around the segments. The die bowl is separable from the die set, and a spacer ring is attachable to the bowl to achieve different crimp diameters for a given die set. The die segments are mounted on the die plate for radial movement.

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IPC 8 full level
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CPC (source: EP)
B21D 39/046 (2013.01)

Citation (search report)
• US 4034592 A 19770712 - CHEN KARL K, et al
• US 4034593 A 19770712 - PATEL HIRALAL V
• EP 0147971 A2 19850710 - PARKER HANNIFIN CORP [US]
• DE 2159885 B2 19751218

Cited by
FR2707368A1; EP0637473A1; WO03057385A1

Designated contracting state (EPC)
BE DE FR GB IT NL SE

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