

Title (en)

Transportable device to bind together reinforcing steel

Title (de)

Transportable Vorrichtung zum Verbinden von Bewehrungseisen

Title (fr)

Dispositif portatif de ligaturage d'armatures

Publication

**EP 0757143 A1 19970205 (DE)**

Application

**EP 96111167 A 19960711**

Priority

DE 19528022 A 19950731

Abstract (en)

The connector comprises a loop former with a fixed and movable pincer arm (1,2) mounted on a sleeve (5). One arm (1) is horizontally movable through a slide bearing (4) and in the area of this bearing on the inside of the sleeve is a guide block (12) with a guide groove (3c) which seamlessly adjoins a guide groove (3a) in the pincer arm. A separating device (10) with circular cutter (M) is mounted on the fixed pincer arm (2). A tong (7) is set in a cylinder (6) longitudinally movable in the sleeve and a sensor set above the cylinder is connected to the separator. An opening (8) in the pincer arm and sleeve form a connection with the wire supply (11) which comprises two calibrated rollers (15) set inclined behind each other and driven in the same rotary direction. All the parts including a wire magazine (14) are mounted in a housing.

IPC 1-7

**E04G 21/12**

IPC 8 full level

**E04G 21/12** (2006.01)

CPC (source: EP)

**E04G 21/122** (2013.01); **E04G 21/123** (2013.01)

Citation (search report)

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- [A] DE 2223099 A1 19731122 - ZENTRO ELEK K GMBH
- [A] WO 8404772 A1 19841206 - RUNKEL ADOLF [DE]
- [A] US 5431196 A 19950711 - FORRESTER JR DANIEL W [US], et al

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**EP 96111167 A 19960711**; AT 96111167 T 19960711; CZ 211796 A 19960717; DE 19528022 A 19950731; PL 31541196 A 19960725