

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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