

Title (en)

Method and device for cutting wire into sections of predetermined length

Title (de)

Verfahren zum Abscheiden von Drahtstücken vorgegebener Länge von einem Draht sowie Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé et dispositif de coupage de fil en tronçons de longueurs prédéterminées

Publication

EP 0924007 A3 20000308 (DE)

Application

EP 98123885 A 19981216

Priority

DE 19756665 A 19971219

Abstract (en)

[origin: EP0924007A2] The wire cutting machine prepares lengths of wire e.g. for welding into a reinforcing mat for poured concrete. It has a wire feed with a sensing system to measure the feed speed. A drive motor is linked to contrarotating cutting discs (5,5a) each of which is fitted with a cutting blade (2,2a) between which the wire is cut. The cutting speed can be regulated to provide wire lengths in discrete lengths, with a fine adjustment to the length by varying the relative timing of the cutting discs and the wire feed. The wire is provided with a surface texture before cutting, to improve the grip in the set concrete.

IPC 1-7

B21F 11/00; **B23D 25/12**

IPC 8 full level

B21F 11/00 (2006.01); **B23D 25/12** (2006.01)

CPC (source: EP)

B21F 11/00 (2013.01)

Citation (search report)

- [X] FR 1355123 A 19640313 - MORGARDSHAMMARS MEK VERKST SA
- [A] DE 1552709 A1 19700212 - WTZ FEIKERAMISCHEN IND
- [A] DE 4218962 A1 19931216 - THEIS KLAUS DR [DE]

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EP 0924007 A2 19990623; **EP 0924007 A3 20000308**; **EP 0924007 B1 20030604**; AT E242069 T1 20030615; DE 19756665 A1 19990701; DE 59808614 D1 20030710; ES 2196472 T3 20031216

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