

Title (en)

DEVICE FOR CUTTING MATERIAL.

Title (de)

VORRICHTUNG ZUM SCHNEIDEN VON MATERIAL.

Title (fr)

DISPOSITIF SERVANT A COUPER UNE MATIERE.

Publication

**EP 0548161 B1 19951206 (EN)**

Application

**EP 91916182 A 19910910**

Priority

- SE 9100597 W 19910910
- SE 9002870 A 19900910

Abstract (en)

[origin: WO9204164A1] Device for cutting of materials by means of at least one cutting means, which partly is provided to be controlled by preferably a plotter or the like, partly to be heated to a temperature, which is higher than the melting temperature of the material by electric induction and/or resistance heating, and partly comprises a cutting part (30) and a holder part (31) connected thereto. The cutting part (30) is constituted by a cutting electrode formed as a substantially cylindrical pin with considerably smaller cross sectional area than the holder part (31), so that the cutting part emits substantially the whole amount of heat generated by current supplied, and that the electrode (30) is connected into a control circuit for controlling the temperature of the electrode in dependence on its cutting speed.

IPC 1-7

**B26F 3/08**

IPC 8 full level

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