Title (en)

DEVICE FOR MACHINING CONTINUOUSLY SUCCESSIVELY TRANSPORTED, FLAT OBJECTS OR AN ALMOST ENDLESS WEB OF MATERIAL

Title (de)

VORRICHTUNG ZUR BEARBEITUNG VON KONTINUIERLICH HINTEREINANDER GEFÖRDERTEN, FLACHEN GEGENSTÄNDEN ODER EINER QUASI ENDLOSEN MATERIALBAHN

Title (fr)

DISPOSITIF POUR USINER DES OBJETS PLATS TRANSPORTÉS EN CONTINU L'UN DERRIÈRE L'AUTRE OU UNE BANDE DE MATÉRIAU PRESQUE SANS FIN

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Application

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Abstract (en)

[origin: WO2007147269A1] The invention relates to a device for machining continuously successively transported objects or an almost endless web of material, said device comprising tools rotating on a peripheral strip (1). In one embodiment, the tools (2) can be pivoted in a controlled manner in relation to the peripheral strip (1) in such a way that their pivoting position is adapted to the objects to be machined or the material web, in a controlled manner, independently of the orientation of the peripheral strip (1). In another embodiment, the device comprises driving means that can be controlled in such a way that the tools (2) can be simultaneously driven in groups (2.1 and 2.2) or individually at various speeds on the peripheral strip. This is carried out, for example, by two drives, every second tool being coupled to the first drive and the other tools being coupled to the second drive. The tools (2) are embodied, for example, as welder terminals and the device is used for the transversal welding and severing of an almost endless web of material into which a row of successive, interspaced, flat objects (4) is driven. The device is advantageous in that it can be adapted, without mechanical operations and simply by control modifications, to very different distances between the machining operations and to different transport speeds, even when the required machining time and the path required therefor are relatively long.

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