Title (en)
METHOD AND APPARATUS FOR THE MILLING CUTTING OF MATERIALS

Title (de)
VERFAHREN UND VORRICHTUNG FUR DIE FRÄSENDE BEARBEITUNG VON MATERIALEN

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR L'USINAGE PAR FRAISAGE DE MATÉRIAUX

Publication
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Application
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Abstract (en)
[origin: CA2661476A1] The invention relates to an apparatus for the milling cutting and/or dril ling of materials, in particular for removing rock, minerals or coal, compri sing a tool drum (104) which is mounted on a drum carrier (101) such that it can rotate about a drum axis H, in which tool drum a plurality of tool shaf ts (105) which carry milling cutting/drilling tools (116) at their ends are mounted such that they can be driven to rotate, wherein at least two of the tool shafts (105) can be driven by a common gear drive which comprises outpu t gearwheels (107) which are arranged in a rotationally fixed manner on the tool shafts (105), and a common drive element (108) which interacts with the output gearwheels (107), wherein the drive element (108) and the tool drum (104) can be rotated relative to one another. Provision is made according to the invention for the axes W of the tool shafts (105) to lie transversely w ith respect to the drum axis H. In the apparatus (110) according to the inve ntion, a very short, compact, pulse-like engagement of the individual millin g cutting/drilling tools (116) in the rock to be extracted can be achieved.< /SDOAB>

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