

Title (en)
Surface working apparatus.

Title (de)
Bodenflächenbearbeitungsgerät.

Title (fr)
Appareil pour le traitement des surfaces.

Publication
EP 0617170 A3 19941026 (DE)

Application
EP 94810014 A 19940113

Priority
CH 52393 A 19930219

Abstract (en)
[origin: EP0617170A2] The mobile apparatus has a motor-driven rotor drum which is accommodated in a housing. The drum consists of a rotor shaft (5) on which there is fixed a hollow shaft (20) with a fixed terminal flange (21). Diamond cut-off discs (23) and spacer rings (24) are arranged in a row in alternate sequence on the hollow shaft (20). At least two holding bars (22) running parallel to the hollow shaft (20) pass through the diamond cut-off discs (23) and the spacer rings (24) and are mounted in a counter-flange (25) which is held on the hollow shaft (20) so as to be secure (26) against rotation. The diamond cut-off discs are thus mounted on the hollow shaft (20) in a manner held together positively and non-positively to form an assembly. As a result, a steady mounting of the diamond cut-off discs is obtained and a great cutting depth of the apparatus is achieved.
<IMAGE>

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E01C 23/08

IPC 8 full level
B27B 5/34 (2006.01); **B28D 1/04** (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP)
B27B 5/34 (2013.01); **B28D 1/045** (2013.01); **B28D 1/048** (2013.01); **E01C 23/088** (2013.01)

Citation (search report)

- [A] DE 2151190 A1 19730419 - CONCUR INC
- [A] BE 669045 A 19660301
- [A] DE 2209829 A1 19720921
- [A] DE 2934063 A1 19800313 - ERRUT PROD LTD

Cited by
EP0735192A3; CN104907910A; WO0010785A1; WO2023148006A1

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