

Title (en)
Surface working apparatus

Title (de)
Bodenflächenbearbeitungsgerät

Title (fr)
Appareil pour le traitement des surfaces

Publication
EP 0617170 B1 19980325 (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>

IPC 1-7
E01C 23/08; **E01C 23/088**

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)

Cited by
CN104907910A; EP0735192A3; WO0010785A1; WO2023148006A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0617170 A2 19940928; **EP 0617170 A3 19941026**; **EP 0617170 B1 19980325**; CH 688865 A5 19980430; DE 59405500 D1 19980430

DOCDB simple family (application)
EP 94810014 A 19940113; CH 52393 A 19930219; DE 59405500 T 19940113