

Title (en)

IMPROVEMENTS RELATING TO TUNNEL-BORING MACHINES

Title (de)

VERBESSERUNGEN IN BEZUG AUF TUNNELVORTRIEBMASCHINEN

Title (fr)

PERFECTIONNEMENTS RELATIFS AUX TUNNELIERS

Publication

**EP 0873464 A1 19981028 (EN)**

Application

**EP 97900327 A 19970113**

Priority

- GB 9700078 W 19970113
- GB 9600695 A 19960113

Abstract (en)

[origin: GB2309043A] A cutter head assembly for a tunnel-boring machine includes a generally flat rotary cutter head (10) and one or more cutter discs (17) mounted via rotary bearings (15) upon respective cantilevered shafts (12). Each bearing (15) has an inner race (14) supported upon the shaft (12) and an outer raceway (18) formed integral with the cutter disc (17).

IPC 1-7

**E21B 10/22**; **E21D 9/10**

IPC 8 full level

**E21B 10/22** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP)

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