

Title (en)

Tunnelling machine having a cutting head, the position of which can be controlled

Title (de)

Tunnelvortriebsmaschine mit einem in der Position regelbaren Schneidkopf

Title (fr)

Tunnelier comprenant une tête de coupe dont la position est réglable

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0520909A1] The tunnelling machine comprises a cylindrical shield (2) carrying a disc-shaped cutting head (8) which is mounted rotationally along an axis (Y-Y') parallel to that of the shield (2). Between the said annular part (10) of the cutting head (8) and a cylindrical internal surface (5a) of the end of the shield (2), there is inserted at least one ring (19) whose inner outline is a circle (C1) centred on the axis (X-X') of the cutting head and whose outer outline, forming an eccentric, is a circle, the centre of which is offset with respect to the axis (Y-Y') of the cutting head. The invention may be used for compensating for the wear of the cutting heads and for producing additional lateral cuts in the ground for directing the tunnelling machine into the bends. <IMAGE>

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IPC 8 full level

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