

Title (en)

An excavating method and apparatus for constructing the base of a tunnel

Title (de)

Verfahren und Grabvorrichtung zur Herstellung von Tunnelsohlen

Title (fr)

Procédé et dispositif d'excavation pour la construction du sol dans un tunnel

Publication

EP 0757158 B1 20000426 (EN)

Application

EP 96110660 A 19960702

Priority

IT TO950652 A 19950802

Abstract (en)

[origin: EP0757158A1] An excavating apparatus for constructing, remaking, reinforcing or restoring any part of the base of a tunnel, such to provide an inverted arch (18) or resting piers structure adequate for sustaining the tunnel (11), comprises a power driven trencher excavating means (20) so restrained as to accomplish a combined movement of: oscillation about an axis substantially parallel to the longitudinal axis of the tunnel; sliding in a direction perpendicular to said axis; and transverse horizontal translation together with said oscillation axis, along a horizontal guide means (10) extending transversely in the tunnel (11). There is also disclosed an excavating method making use of such an apparatus. <IMAGE>

IPC 1-7

E21D 9/00

IPC 8 full level

E21D 9/00 (2006.01)

CPC (source: EP)

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Cited by

CN106223960A; CN110226526A; DE19810475A1; EP0887512A3; DE19722459C1; CN109371765A

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