

Title (en)

Expanding device in a cutting tool for a tunnel boring machine

Title (de)

Kaliberaufweitungsschneidwerkzeug für Tunnelbohrmaschinen

Title (fr)

Dispositif d'expansion dans un outil de coupe pour une machine de forage de tunnels

Publication

EP 1333153 B1 20060503 (DE)

Application

EP 02002618 A 20020205

Priority

EP 02002618 A 20020205

Abstract (en)

[origin: EP1333153A1] The cutting ring (201) can be moved along the roll hub (200) in the axial direction. An Independent claim is also included for a method for increasing the diameter of a tunnel using a tunnel boring machine with its drill bit modified to take the above cutting roll (20), in which the drill bit is first of all fitted with a first cutting roll to increase tunnel diameter to a first size and then fitted with a second cutting roll to increase tunnel diameter to a second size.

IPC 8 full level

E21D 9/10 (2006.01)

CPC (source: EP)

E21D 9/104 (2013.01)

Designated contracting state (EPC)

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