

Title (en)
Method for renovating a tunnel tube

Title (de)
Verfahren zur Sanierung einer Tunnelröhre

Title (fr)
Procédé d'assainissement d'une galerie

Publication
EP 2369130 B1 20120822 (DE)

Application
EP 10003215 A 20100325

Priority
EP 10003215 A 20100325

Abstract (en)
[origin: EP2369130A1] The method involves separating pipes and/or pipelines (16) e.g. district heating pipeline, from anchoring sections (10) and projecting suspensions in the tunnel sections. Pipe pieces (36) of small diameter are slid with respect to the tunnel sections in a rail laid in the tunnel sections. The pipes and/or the pipelines are slid in a support (20) arranged in the pipe pieces until an entire pipe section is lined with opposite pipe pieces. Gaps formed between the pipe pieces and the tunnel sections are filled with filling material (34). An independent claim is also included for a system for cleaning tunnel sections comprising a pipe piece with small diameter than tunnel sections.

IPC 8 full level
E21D 11/08 (2006.01); **E21F 17/02** (2006.01)

CPC (source: EP)
E21D 11/08 (2013.01); **E21F 17/02** (2013.01)

Cited by
CN104912593A; CN110566229A; CN111089200A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
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