

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)  
**EP 2369130 A1 20110928; EP 2369130 B1 20120822; PL 2369130 T3 20130131**

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