

Title (en)  
MONITORING THE PROFILE OF A TUNNEL DURING TUNNEL EXCAVATION

Title (de)  
ÜBERWACHUNG DES TUNNELPROFILS WÄHREND DER VORTRIEBSARBEITEN

Title (fr)  
SURVEILLANCE DU PROFIL D'UN TUNNEL PENDANT SON EXCAVATION

Publication  
**EP 3385500 A1 20181010 (EN)**

Application  
**EP 17164998 A 20170405**

Priority  
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Abstract (en)  
Provided is a method for rock processing monitoring, comprising: storing tunnel model data defining target tunnel profile (62) for a mobile rock processing machine, receiving operational tunnel profile data generated on the basis of scanning of surroundings of the rock processing machine and defining a realized tunnel profile (63), detecting current position (64) of a tool of the rock processing machine, defining the difference (67) between the target tunnel profile and the realized tunnel profile on the basis of the position of the tool and on the basis of the tunnel model data and the realized tunnel profile data, and indicating the difference between the target tunnel profile and the realized tunnel profile on the basis of the position of the tool.

IPC 8 full level  
**E21D 9/00** (2006.01)

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Citation (search report)

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