

Title (en)
FORMING A SHAFT FOR AN UNDERGROUND MINE

Title (de)
BILDEN EINES SCHAFTS FÜR EINE UNTERTAGEMINE

Title (fr)
FORMATION D'UN Puits POUR UNE MINE SOUTERRAINE

Publication
EP 2449214 A4 20130123 (EN)

Application
EP 10793425 A 20100630

Priority
• AU 2010000820 W 20100630
• AU 2009903054 A 20090630

Abstract (en)
[origin: WO2011000037A1] In forming a mine shaft for an underground mine, earth excavated by a boring machine (21) is transported upwardly by handling unit (22) to a transfer station (33) where it is transferred into skips 36 which are raised and lowered along skip guides 38 within the shaft hole (19) for transport of the excavated material to an earth surface region. Transfer station (33) is moved downwardly as excavation progresses.

IPC 8 full level
E21D 1/03 (2006.01)

CPC (source: EP)
E21D 1/03 (2013.01)

Citation (search report)
• [Y] DE 1608290 A1 19701210 - WESTFAELISCHE BERGGEWERKSCHAFT, et al
• [YD] US 3965995 A 19760629 - SUGDEN DAVID B
• [A] JP 2003003780 A 20030108 - OHBAYASHI CORP, et al
• See references of WO 2011000037A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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