

Title (en)

Arrangement and method for feeding flushing fluid

Title (de)

Anordnung und Verfahren zur Zuführung von Spülflüssigkeit

Title (fr)

Agencement et procédé pour l'alimentation en fluide de rinçage

Publication

EP 2955319 A1 20151216 (EN)

Application

EP 14172341 A 20140613

Priority

EP 14172341 A 20140613

Abstract (en)

The invention relates to a flushing system and a method of controlling feeding of flushing fluid. The flushing system (14) comprises a pump unit (15) for feeding pressurized flushing fluid to a feed duct (16) connected to a rock drilling machine (5). Flow rate of the flushing fluid to be fed is controlled by controlling pumping of the flushing fluid. The flow rate is determined by means of one or more sensing device.

IPC 8 full level

E21B 21/08 (2006.01); **E21B 7/02** (2006.01)

CPC (source: EP US)

E21B 7/02 (2013.01 - EP US); **E21B 21/08** (2013.01 - EP US); **E21B 21/106** (2013.01 - US); **E21B 47/06** (2013.01 - US)

Citation (search report)

- [XYI] US 2012048620 A1 20120301 - HOPWOOD FERGUS [US], et al
- [Y] WO 03071096 A1 20030828 - SANDVIK TAMROCK OY [FI], et al
- [Y] GB 1437442 A 19760526 - ROCK FALL CO LTD
- [X] WO 2007122288 A1 20071101 - SANDVIK MINING & CONSTR OY [FI], et al
- [A] WO 2007138170 A1 20071206 - SANDVIK MINING & CONSTR OY [FI], et al
- [A] WO 2004065761 A1 20040805 - SANDVIK TAMROCK OY [FI], et al

Cited by

EP4043153A1; EP4067615A1; WO2018060789A1; US10877461B2; WO2022207791A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2955319 A1 20151216; AU 2015203009 A1 20160107; AU 2015203009 B2 20160526; US 2015361743 A1 20151217; WO 2015192151 A2 20151217; WO 2015192151 A3 20160616

DOCDB simple family (application)

EP 14172341 A 20140613; AU 2015203009 A 20150605; US 201514736384 A 20150611; ZA 2015050001 W 20150707