

Title (en)

METHOD AND APPARATUS FOR PROCESSING A SIZED ORE FEED

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERARBEITUNG EINER BEMESSENEN ERZBESCHICKUNG

Title (fr)

PROCEDE ET APPAREIL POUR LE TRAITEMENT D'UNE ALIMENTATION EN MINERAI CALIBRE

Publication

EP 2342422 A4 20151021 (EN)

Application

EP 09817135 A 20090930

Priority

- CA 2009001367 W 20090930
- CA 2640018 A 20080930

Abstract (en)

[origin: WO2010037215A1] A method and process line apparatus for processing a sized ore feed excavated from an ore deposit is disclosed. The method involves disposing a processing apparatus in a processing apparatus position relative to the ore deposit, and disposing a first mobile conveyor to receive a sized ore feed at a receiving location located along a length of the first mobile conveyor. The first mobile conveyor is operable to convey the sized ore from the receiving location to a discharge end of the first mobile conveyor. The method also involves disposing a second mobile conveyor to receive the sized ore from the discharge end of the first mobile conveyor at a transfer location along a length of the second mobile conveyor and to convey the sized ore from the transfer location to the processing apparatus. The first and second mobile conveyors are oriented at an operational angle between a length of the first mobile conveyor and a length of the second mobile conveyor. The method further involves moving at least one of the first and second mobile conveyors to vary at least one of the operational angle and the transfer location to permit successive portions of the ore deposit within operational reach of the receiving location to be received for conveying along the first and second mobile conveyors to the processing apparatus while the processing apparatus is located in the processing apparatus position.

IPC 8 full level

E21C 35/12 (2006.01); **B65G 37/00** (2006.01); **E21C 41/26** (2006.01); **E21C 47/04** (2006.01)

CPC (source: EP)

E21C 47/04 (2013.01); **E21F 13/002** (2013.01)

Citation (search report)

- [X] CA 2610124 A1 20080509 - SUNCOR ENERGY INC [CA]
- [X] US 3587825 A 19710628 - SMITH FRED T
- [X] US 5377810 A 19950103 - LEHTONEN HARRI [FI], et al
- See references of WO 2010037215A1

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)

WO 2010037215 A1 20100408; AU 2009299081 A1 20100408; AU 2009299081 B2 20131003; BR PI0919532 A2 20160726; CL 2011000700 A1 20111021; CN 102203380 A 20110928; CN 102203380 B 20140702; EP 2342422 A1 20110713; EP 2342422 A4 20151021; RU 2011117361 A 20121110; RU 2504658 C2 20140120; RU 2504658 C9 20140820; ZA 201102328 B 20111228

DOCDB simple family (application)

CA 2009001367 W 20090930; AU 2009299081 A 20090930; BR PI0919532 A 20090930; CL 2011000700 A 20110330; CN 200980143110 A 20090930; EP 09817135 A 20090930; RU 2011117361 A 20090930; ZA 201102328 A 20110329