Title (en)

OPERATION METHOD FOR A LOOPING PIT WITH DRAG COMPENSATION, DATA CARRIER AND LOOPING PIT

Title (de)

BETRIEBSVERFAHREN FÜR EINEN SCHLINGENSPEICHER MIT ZUGAUSGLEICH, DATENTRÄGER UND SCHLINGENSPEICHER

Title (fr)

PROCÉDÉ D'EXPLOITATION D'UNE FOSSE BOUCLAGE AVEC ÉQUILIBRAGE DES VOIES, SUPPORT DE DONNÉES ET FOSSE BOUCLAGE

Publication

EP 2046672 A1 20090415 (DE)

Application

EP 07765610 A 20070626

Priority

- EP 2007056335 W 20070626
- DE 102006035008 A 20060728

Abstract (en)

[origin: US2010138036A1] A band is introduced into the pit entrance of a looping pit. This band is released from the looping pit at a pit exit. A segment of the band can thereby be buffered. The entrance-sided drag that exists in the band at the pit entrance is measured by an entrance-sided drag measuring device; the exit-sided drag that exists in the band at the pit exit is measured by an exit-sided drag measuring device. The values of the entrance-sided and exit-sided drags are passed to a control device. Depending on the entrance-sided and exit-sided drags, a control signal for at least one driven roller arranged between the pit entrance and exit is identified by the control device and is passed to the at least one driven roller. The band buffered in the looping pit is acted upon by the at least one driven roller according to the control signal.

IPC 8 full level

B65H 20/34 (2006.01)

CPC (source: EP US)

B65H 20/34 (2013.01 - EP US); B65H 2408/2173 (2013.01 - EP US)

Citation (search report)

See references of WO 2008012154A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2010138036 A1 20100603; **US 8082056 B2 20111220**; AT E452092 T1 20100115; BR PI0715413 A2 20130319; CN 101495392 A 20090729; CN 101495392 B 20110406; DE 102006035008 A1 20080131; DE 502007002358 D1 20100128; EP 2046672 A1 20090415; EP 2046672 B1 20091216; ES 2337209 T3 20100421; PL 2046672 T3 20100531; RU 2009107095 A 20100910; RU 2433945 C2 20111120; UA 92952 C2 20101227; WO 2008012154 A1 20080131

DOCDB simple family (application)

US 37475107 A 20070626; AT 07765610 T 20070626; BR PI0715413 A 20070626; CN 200780027904 A 20070626; DE 102006035008 A 20060728; DE 502007002358 T 20070626; EP 07765610 A 20070626; EP 2007056335 W 20070626; ES 07765610 T 20070626; PL 07765610 T 20070626; RU 2009107095 A 20070626; UA A200900601 A 20070626