

Title (en)

A PITMAN OF A JAW CRUSHER, A JAW CRUSHER, A CRUSHING PLANT AND A CRUSHING METHOD

Title (de)

SCHWINGE EINES BACKENBRECHERS, BACKENBRECHER, BRECHANLAGE UND BRECHVERFAHREN

Title (fr)

AILE D'UN BROYEUR À MÂCHOIRES, BROYEUR À MÂCHOIRES, INSTALLATION DE BROYAGE ET PROCÉDÉ DE BROYAGE

Publication

EP 2744596 A1 20140625 (EN)

Application

EP 11776219 A 20110818

Priority

FI 2011050724 W 20110818

Abstract (en)

[origin: WO2013024197A1] A pitman of a jaw crusher (1; 1') comprising an upper part (2), which comprises an upper supporting point (3) for supporting the pitman in the body of the jaw crusher, and a lower part (4) comprising a lower supporting point (5) for supporting the pitman in the body of the jaw crusher through a toggle plate. The lower part (4) of the pitman (1; 1') comprises sidewalls (13) and honeycomb structure open to the crushing direction, which structure comprises one or more cross-sectional supports (15) reaching from the first sidewall of the pitman to the second sidewall A jaw crusher (100), a crushing plant (200) and a method for increasing crushing capacity of mineral material.

IPC 8 full level

B02C 1/10 (2006.01)

CPC (source: EP)

B02C 1/10 (2013.01)

Citation (search report)

See references of WO 2013024197A1

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

DOCDB simple family (publication)

WO 2013024197 A1 20130221; AU 2011375141 A1 20140403; AU 2011375141 B2 20161208; AU 2011375141 B9 20170202; BR 112014003393 A2 20170418; BR 112014003393 B1 20201208; CA 2845024 A1 20130221; CA 2845024 C 20180130; CN 103906572 A 20140702; CN 103906572 B 20150603; EP 2744596 A1 20140625; EP 2744596 B1 20160504; JP 2014521511 A 20140828; JP 6050816 B2 20161221; MX 2014001523 A 20140604; MX 347037 B 20170410; RU 2014108530 A 20150927; RU 2569476 C2 20151127; ZA 201401605 B 20150826

DOCDB simple family (application)

FI 2011050724 W 20110818; AU 2011375141 A 20110818; BR 112014003393 A 20110818; CA 2845024 A 20110818; CN 201180072901 A 20110818; EP 11776219 A 20110818; JP 2014525471 A 20110818; MX 2014001523 A 20110818; RU 2014108530 A 20110818; ZA 201401605 A 20140303