

Title (en)

Roller crusher having at least one roller comprising a flange

Title (de)

Rollenanschlag mit mindestens einer Rolle mit Flansch

Title (fr)

Broyeur à rouleaux comportant au moins un rouleau avec une bride

Publication

EP 2756886 B1 20170607 (EN)

Application

EP 14164193 A 20120420

Previously filed application

12164950 20120420 EP

Priority

- EP 14164193 A 20120420
- EP 12164950 A 20120420

Abstract (en)

[origin: EP2653229A1] The invention relates to a roller crusher (1) having two generally parallel rollers (2) arranged to rotate in opposite directions, towards each other, and separated by a gap, each roller (2) having a first end (3) and a second end (4). The roller crusher (1) comprises a flange (5) attached to at least one of said ends (3, 4) of one of said rollers (2). The flange (5) extending in a radial direction of said roller (2), and has a height (H) above an outer surface (6) of said roller (2) which is sufficient to extend across said gap substantially along a nip angle (\pm) of said roller crusher (1).

IPC 8 full level

B02C 4/30 (2006.01); **B02C 4/02** (2006.01); **B30B 3/04** (2006.01); **B30B 11/18** (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP)

B02C 4/02 (2013.01); **B02C 4/30** (2013.01); **B30B 3/04** (2013.01)

Cited by

WO2022271579A1; US11612895B2; WO2022271580A1; US11931745B2; EP3990190B1

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)

EP 2653229 A1 20131023; CN 203281336 U 20131113; DK 2756886 T3 20170925; EP 2756886 A2 20140723; EP 2756886 A3 20150603; EP 2756886 B1 20170607; EP 3248685 A2 20171129

DOCDB simple family (application)

EP 12164950 A 20120420; CN 201320199283 U 20130419; DK 14164193 T 20120420; EP 14164193 A 20120420; EP 17174192 A 20120420