

Title (en)

A ROLLER WITH A SEGMENTED WEAR SURFACE FOR CRUSHING PARTICULATE MATERIAL

Title (de)

WALZE MIT EINER SEGMENTIERTEN VERSCHLEISSFLÄCHE ZUM ZERKLEINERN VON TEILCHENFÖRMIGEM MATERIAL

Title (fr)

CYLINDRE PRÉSENTANT UNE SURFACE D'USURE SEGMENTÉE POUR LE BROYAGE D'UNE MATIÈRE PARTICULAIRE

Publication

EP 3171980 B1 20180829 (EN)

Application

EP 15741494 A 20150722

Priority

- DK PA201470463 A 20140725
- DK 2015050224 W 20150722

Abstract (en)

[origin: WO2016012028A1] Described is a roller (1) for crushing of particulate material, such as crude ore for use in the mineral industry, where the roller body (2) is provided with a plurality of individual wear segments (4, 5) which are arranged on longitudinal guiding means (6) and between clamps (7, 8) in a manner such that two or more of the wear segments (4, 5) are fixed to the same lateral section of one lateral portion of the roller body (2) and such that the frequency of, and cost associated with, the replacement of such wear segments is minimized. The invention also relates to the plurality of wear segments and to a method of manufacturing the roller.

IPC 8 full level

B02C 4/30 (2006.01); **B02B 3/04** (2006.01)

CPC (source: CN EP)

B02C 4/305 (2013.01 - CN EP)

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 2016012028 A1 20160128; CN 106573246 A 20170419; CN 106573246 B 20200303; EP 3171980 A1 20170531; EP 3171980 B1 20180829

DOCDB simple family (application)

DK 2015050224 W 20150722; CN 201580041099 A 20150722; EP 15741494 A 20150722