

Title (en)
ROLL-OFF BUSHING IN A CRUSHER

Title (de)
ABWÄLZBUCHSE IN EINEM BRECHER

Title (fr)
DOUILLE DE ROULEMENT DANS UN CONCASSEUR

Publication
EP 3131677 A1 20170222 (DE)

Application
EP 15715234 A 20150408

Priority
• DE 102014105415 A 20140416
• EP 2015057562 W 20150408

Abstract (en)
[origin: WO2015158579A1] Cone or gyratory crusher with a crusher axle, the head of which is mounted in an upper axle bearing held by a crossbeam, wherein the upper axle bearing has a roll-off bushing accommodated in a central socket, wherein an annular abrasion insert is held in the roll-off bushing, and the head of the crusher axle rolls off against said abrasion insert, wherein the socket forms a conically tapering inner cone, and a pulling means is provided for drawing the roll-off bushing into the socket, and wherein the roll-off bushing becomes narrower when drawn in and thus frictionally clamps the abrasion insert in the roll-off bushing.

IPC 8 full level
B02C 2/06 (2006.01)

CPC (source: CN EP)
B02C 2/06 (2013.01 - CN EP)

Citation (search report)
See references of WO 2015158579A1

Cited by
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Designated extension state (EPC)
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DOCDB simple family (publication)
DE 102014105415 A1 20151022; AU 2015246193 A1 20161027; AU 2015246193 B2 20181108; CL 2016002525 A1 20170303; CN 106163666 A 20161123; CN 106163666 B 20190312; DK 3131677 T3 20200203; EP 3131677 A1 20170222; EP 3131677 B1 20191106; PE 20161455 A1 20170201; WO 2015158579 A1 20151022

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DE 102014105415 A 20140416; AU 2015246193 A 20150408; CL 2016002525 A 20161004; CN 201580019566 A 20150408; DK 15715234 T 20150408; EP 15715234 A 20150408; EP 2015057562 W 20150408; PE 2016001914 A 20150408