

Title (en)  
ROLL CRUSHER OF COOLER DEVICE

Title (de)  
WÄLZENBRECHER FÜR EINE KÜHLERVORRICHTUNG

Title (fr)  
CONCASSEUR À CYLINDRES DE DISPOSITIF DE REFROIDISSEMENT

Publication  
**EP 3345680 A4 20190313 (EN)**

Application  
**EP 16841089 A 20160823**

Priority  
• CN 201510547111 A 20150831  
• JP 2016003831 W 20160823

Abstract (en)  
[origin: EP3345680A1] Provided is a roll crusher of a cooler apparatus, the roll crusher being capable of leveling out temporal changes in the roll load. A roll crusher 15 of a cooler apparatus 1 includes a plurality of load-reducing rolls 15a and 15b. The load-reducing rolls 15a and 15b are arranged side by side in a conveying direction such that a gap S1 is formed therebetween, and are rotated about respective rotational axes L1 and L2 by corresponding rotating units to crush cement. The load-reducing rolls 15a and 15b include a plurality of crushing rings 22 and 23 and a plurality of crushing rings 32 and 33, respectively. Crushing teeth 24 and 27 are formed on outer peripheral surfaces of the crushing rings 22 and 23 at a regular pitch p1, and crushing teeth 34 and 35 are formed on outer peripheral surfaces of the crushing rings 32 and 33 at a regular pitch p2. The crushing teeth 27 and 35 are arranged such that they are shifted relative to the adjacent crushing teeth 24 and 34 in a circumferential direction.

IPC 8 full level  
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CPC (source: EP)  
**B02C 4/08** (2013.01); **B02C 4/30** (2013.01)

Citation (search report)  
• [X] CN 104525310 A 20150422 - ANHUI CONCH KAWASAKI EQUIPMENT MFG CO LTD  
• [A] CN 203695120 U 20140709 - XUZHOU CHINA UNITED CEMENT CO LTD  
• See references of WO 2017038049A1

Cited by  
CN112403592A

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DOCDB simple family (publication)  
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