

Title (en)
Cone crusher with lubricating means

Title (de)
Kegelbrecher mit Schmiereinrichtung

Title (fr)
Broyeur giratoire avec système de lubrification

Publication
EP 1415716 A3 20040630 (EN)

Application
EP 03256907 A 20031031

Priority
GB 0225332 A 20021031

Abstract (en)
[origin: EP1415716A2] A cone crusher comprising a mantle fixed to and rotatable with a head shaft about which an eccentric weight or unbalanced mass is relatively rotatable, the head shaft and eccentric being commonly driven by a friction drive which permits a degree of angular movement of the rotational axis of the head shaft relative to the rotational axis of the friction drive. In accordance with the invention means is provided for supplying a lubricating fluid under pressure from the friction drive to the interior of the head shaft, the head shaft having at least one radial bore which communicates its interior with the peripheral surface of the head shaft at a position where the shaft is surrounded by the eccentric. <IMAGE>

IPC 1-7
B02C 2/00

IPC 8 full level
B02C 2/00 (2006.01)

CPC (source: EP)
B02C 2/00 (2013.01)

Citation (search report)

- [X] DE 1077947 B 19600317 - KLOECKNER HUMBOLDT DEUTZ AG
- [X] FR 1520265 A 19680405 - ALLIS CHALMERS MFG CO
- [X] FR 2530492 A1 19840127 - LITTON SYSTEMS INC [US]

Cited by
RU2493917C2; CN104437725A; CN108144682A

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