

Title (en)

A WEAR RESISTANT LINER FOR A CONE CRUSHER

Title (de)

VERSCHLEISSFESTE AUSKLEIDUNG FÜR EINEN KEGELBRECHER

Title (fr)

REVÊTEMENT RÉSISTANT À L'USURE POUR UN CONCASSEUR À CÔNES

Publication

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Application

EP 21181343 A 20210624

Priority

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Abstract (en)

A cone crusher wear plate (160) to protect a bottom shell wall (30) of a cone crusher bottom shell (10) from impacts from processed materials in which the wear plate (160) comprises a main body (163), and an outerwear resistant surface (190) on the main body wherein the wear plate (160) comprises a demountable hanging mounting (170) on an inner surface (451) of the main body (163) for removably supporting the wear plate (160) at the bottom shell wall (3) to form a wear resistant liner (20) in the bottom shell (10) of the cone crusher. The invention also relates to a wear resistant liner (20) for a cone crusher bottom shell (10) comprising the wear plate (160) and a carrier plate (140) for carrying the wear plate (160) via a demountable hanging mounting (170) attachable to an inside surface (40) of the bottom shell wall (30). The invention also relates to a crusher comprising the wear resistant liner (20).

IPC 8 full level

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CPC (source: EP)

B02C 2/005 (2013.01); **B02C 2/02** (2013.01); **B02C 2/04** (2013.01)

Citation (applicant)

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- EP 2774680 A1 20140910 - SANDVIK INTELLECTUAL PROPERTY [SE]
- EP 1868726 A1 20071226 - SANDVIK INTELLECTUAL PROPERTY [SE]
- EP 3718636 A1 20201007 - METSO SWEDEN AB [SE]
- CN 212092429 U 20201208 - CHINA RAILWAY CONSTR HEAVY IND CORP LTD
- WO 2014146703 A1 20140925 - SANDVIK INTELLECTUAL PROPERTY [SE]
- EP 2730337 A1 20140514 - SANDVIK INTELLECTUAL PROPERTY [SE]

Citation (search report)

- [A] EP 3659706 A1 20200603 - METSO SWEDEN AB [SE]
- [A] WO 2020223757 A1 20201112 - FORTESCUE METALS GROUP LTD [AU]
- [AD] EP 2730337 A1 20140514 - SANDVIK INTELLECTUAL PROPERTY [SE]

Designated contracting state (EPC)

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