

Title (en)

WEAR LINER ELEMENT FOR A GRINDING MILL

Title (de)

VERSCHLEISSAUSKLEIDUNGSELEMENT FÜR EINE MÜHLE

Title (fr)

ÉLÉMENT DE REVÊTEMENT D'USURE POUR UN BROYEUR

Publication

EP 4029609 A1 20220720 (EN)

Application

EP 21152047 A 20210118

Priority

EP 21152047 A 20210118

Abstract (en)

A wear liner element (30, 30') for a grinding mill is provided with an expandable ejector unit (50) to be arranged between the outer surface of the wear liner element (30, 30') and the opposite inner surface of a shell or an endwall of the mill. The ejector unit (50) has a first part for abutting or engaging with the outer surface of the wear liner element (30, 30') and a second part for abutting or engaging with the inner surface of the shell or endwall and is operable to increase a spacing between its first and second parts to thereby increase the spacing between the outer surface of the wear liner element (30, 30') and the inner surface of the shell or endwall.

IPC 8 full level

B02C 17/22 (2006.01)

CPC (source: CN EP)

B02C 17/10 (2013.01 - CN); **B02C 17/18** (2013.01 - CN); **B02C 17/22** (2013.01 - CN EP); **B02C 17/225** (2013.01 - CN); **B02C 2210/02** (2013.01 - EP)

Citation (applicant)

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- US 2005116077 A1 20050602 - HERBST JOHN A [US], et al
- US 2893650 A 19590707 - MACLEAN NORMAN E
- AU 2014201893 A1 20141023 - METSO MINERALS SWEDEN AP

Citation (search report)

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- [XI] GB 1080789 A 19670823 - MINE AND SMELTER SUPPLY CO
- [XDA] US 4231528 A 19801104 - SCHAEFFER BERNARD J
- [XDA] AU 2014201893 A1 20141023 - METSO MINERALS SWEDEN AP
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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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