

Title (en)

BALL MILL DEVICE

Title (de)

KUGELMÜHLENVORRICHTUNG

Title (fr)

DISPOSITIF DE BROYEUR À BOULETS

Publication

**EP 4094837 A4 20240228 (EN)**

Application

**EP 21743770 A 20210121**

Priority

- KR 20200007662 A 20200121
- KR 20200075440 A 20200622
- KR 2021000806 W 20210121

Abstract (en)

[origin: EP4094837A1] The present invention provides a ball mill device, including: a driving device to generate a driving force; a grinding vessel in which a space for accommodating an object to be pulverized ("object") therein is present; a first rotary body having a first pulley, which is provided to rotate the grinding vessel about a first central axis; a second rotary body having a second pulley, which is provided to rotate the grinding vessel about a second central axis - wherein the second central axis is arranged to intersect with the first central axis -; and an auxiliary pulley for changing a rotational direction so that a rotational force about the first or second central axis acts on the second or first central axis by a belt when the grinding vessel rotates about the first or second central axis.

IPC 8 full level

**B02C 17/24** (2006.01)

CPC (source: EP)

**B02C 17/24** (2013.01)

Citation (search report)

- [IA] JP 2017159262 A 20170914 - UNIV OSAKA, et al
- [A] WO 2017187550 A1 20171102 - NAGAO SYSTEM INC [JP]
- See also references of WO 2021150023A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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