

Title (en)

SAFETY SYSTEM FOR A ROLLER MILL

Title (de)

SICHERHEITSSYSTEM FÜR EINE WÄLZMÜHLE

Title (fr)

SYSTEME DE SECURITE POUR BROYEUR A ROULEAUX

Publication

**EP 1907121 B1 20110713 (DE)**

Application

**EP 06753587 A 20060512**

Priority

- EP 2006004493 W 20060512
- DE 102005030145 A 20050628

Abstract (en)

[origin: US7731116B2] In order to minimize the loss of production of a crushing plant, particularly a cement crushing plant and optimize on the gear side the availability of the roller mill, according to the invention a replacement gear is provided alongside the operating mill gear. The mill gear and replacement gear are located on at least one base plate and preferably together with a drive motor for the mill gear and a second motor for the replacement gear, as well as with a lubricating system located between the mill gear and the replacement gear, are preassembled on the base plate. The base plate is horizontally adjustably guided on the mill foundation. If the mill gear fails the base plate with the units mounted thereon can be adjusted in such a way that the replacement gear is positioned below the crushing pan in the place of the mill gear.

IPC 8 full level

**B02C 15/04** (2006.01)

CPC (source: EP US)

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**US 2007257144 A1 20071108; US 7731116 B2 20100608;** AT E516083 T1 20110715; CN 100556548 C 20091104; CN 101010141 A 20070801; DE 102005030145 A1 20070104; DE 102005030145 B4 20071004; DK 1907121 T3 20111024; EP 1907121 A1 20080409; EP 1907121 B1 20110713; ES 2367140 T3 20111028; RU 2007107339 A 20081027; RU 2353432 C2 20090427; WO 2007000211 A1 20070104

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