

Title (en)

Method of and apparatus for replacing a grinding roller in a vertical roller mill.

Title (de)

Verfahren und Gerät zum Auswechseln einer Mahlwalze in einer vertikalen Walzenmühle.

Title (fr)

Méthode et appareil pour remplacer le rouleau broyeur d'un broyeur vertical à rouleaux.

Publication

**EP 0110535 A2 19840613 (EN)**

Application

**EP 83306272 A 19831017**

Priority

GB 8233313 A 19821123

Abstract (en)

A grinding roller (2) of a vertical roller mill is removed through an opening (8) in the mill housing (6), for replacement of the roller, by lifting the roller from the mill table (1) by means of an internal cable (11) connected to an hydraulic cylinder (10), fixing an external cable (13) to the roller, and slackening the cable (11) so that the roller swings out through the opening (8) suspended on the cable (13). The steps are reversed upon inserting a new roller into the mill housing.

IPC 1-7

**B02C 15/06**

IPC 8 full level

**B02C 15/00** (2006.01)

CPC (source: EP)

**B02C 15/00** (2013.01); **B02C 15/007** (2013.01)

Cited by

DE3608192A1; CN103447789A; CN109219483A; KR20190041967A; GB2451299B; GB2451299A; GB2449681A; GB2449681B; WO2017186971A1; US10343173B2; US11679964B2; US8360351B2

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**EP 0110535 A2 19840613**

DOCDB simple family (application)

**EP 83306272 A 19831017**