

Title (en)
Roller mill

Title (de)
Walzenmühle

Title (fr)
Broyeur à rouleaux

Publication
EP 0667186 B1 19980701 (DE)

Application
EP 94119972 A 19941216

Priority
DE 4404634 A 19940214

Abstract (en)
[origin: EP0667186A1] The rollers are pressed against each other with high pressure and on the shafts (5a,6a) of the two rollers (5,6) are fitted gears (9,10) with housings (9a,10a), for which devices (11,12) are provided for the accommodation of the torque occurring between the gear housings and the machine frame (2). Each gear housing is supported by a separate torque support device in relation to the machine frame. At least the torque support device for the gear housing of the loose roller (5) is formed as a coupling gear (11,12), which has two double-armed levers (13,14) which are located on static rotary axes (15,16,15',16') pivotably on the machine frame.

IPC 1-7
B02C 4/42

IPC 8 full level
B02C 4/42 (2006.01)

CPC (source: EP US)
B02C 4/426 (2013.01 - EP US); **B30B 3/04** (2013.01 - EP US)

Cited by
DE102005006090A1; CN113649112A; CN105689049A; CN103721783A; CN102947003A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0667186 A1 19950816; EP 0667186 B1 19980701; DE 4404634 A1 19950817; DE 59406370 D1 19980806; ES 2117754 T3 19980816; US 5553796 A 19960910

DOCDB simple family (application)
EP 94119972 A 19941216; DE 4404634 A 19940214; DE 59406370 T 19941216; ES 94119972 T 19941216; US 37064095 A 19950110