

Title (en)

ROLLING MILL WITH ROLLS MOUNTED ON AN AXLE SUPPORTED IN BOTH MILL FRAMES AND DRIVEN AT ONE SIDE

Publication

EP 0214521 B1 19900425 (DE)

Application

EP 86111528 A 19860820

Priority

DE 3531843 A 19850906

Abstract (en)

[origin: EP0214521A2] 1. Roll stand with carrier shaft pairs, which are borne in two parallel roll standards (1, 2) and couplable at one side with drive elements, for rolling rings (23; 33), which are pushable onto these into a seating between both roll standards (1, 2), in which the roll standard (2) remote from the drive elements of the carrier shafts is movable together with the bearings (6) away from the other roll standard (1) in the axial direction of the rolls and retaining elements (27, 28; 37, 38), which are connectable with and detachable from the rolling rings (23; 33), are connected directly or indirectly with the inner ring of the respective bearing (5, 6) and onto the outer circumference of which the rolling ring (23, 33) is pushable, are arranged at the movable roll standard (2), wherein the carrier shafts consist of two ring members (27, 28; 37, 38), which are borne in the one and in the other roll standard, are layable by the mutually facing end faces onto the end faces of the rolling ring (23; 33) and which are couplable under axial pressure, and the end faces of the ring members (27, 28; 37, 38) display conical surface portions (27a, 27b; 28a, 28b) extending outwardly inclined.

IPC 1-7

B21B 27/02; B21B 31/10

IPC 8 full level

B21B 27/02 (2006.01); **B21B 31/10** (2006.01)

CPC (source: EP)

B21B 27/035 (2013.01); **B21B 31/10** (2013.01)

Cited by

EP0357107A3; EP0556631A1; EP0311911A3; EP0301286A1; DE4106427C1; EP0501600A1; EP0773072A1; US5782125A; EP0692321A1; US5665044A

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