

Title (en)

Rolling mill having work roll shifting function

Title (de)

Walzwerk mit einer Arbeitswalzenverlagerungsfunktion

Title (fr)

Laminoir doté d'une fonction de commutation de cylindre de travail

Publication

EP 2292341 B1 20151216 (EN)

Application

EP 10006802 A 20100701

Priority

JP 2009176038 A 20090729

Abstract (en)

[origin: EP2292341A2] A reversing rolling mill (11) includes a pair of upper and lower work rolls (22a, 22b) clamping a strip (1) and roll shifting devices (40, 50) for respectively shifting the work rolls (22a, 22b) in the axial direction thereof. The pair of upper and lower work rolls (22a, 22b) respectively have, at one ends of roll body portions (31a, 32a), tapering portions (31b, 32b) having roll diameters gradually decreasing toward roll tips, and disposed such that the tapering portions (31b, 32b) are located on opposite sides from each other in the axial direction thereof. The surfaces of the roll body portions (31a, 32a) of the work rolls (22a, 22b) are formed of a ceramic material or a cemented carbide.

IPC 8 full level

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CPC (source: EP)

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Cited by

AU2018302336B2; EP2656934A1; CN103372574A; RU2741942C1; WO2019018742A1; US11213870B2; US11426777B2; US11638941B2; WO2021097566A1

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DOCDB simple family (application)

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