

Title (en)

ROLLER FOR HOT ROLLING OF WIRE RODS AND THE LIKE, AND WIRE-ROD AND THE LIKE, HOT-ROLLING MACHINE PROVIDED WITH SAID ROLLER

Title (de)

WALZE ZUM WARMWALZEN VON WALZDRÄHTEN UND DERGLEICHEN UND WALZDRAHT UND DERGLEICHEN, WARMWALZENMASCHINE MIT DER BESAGTEN WALZE

Title (fr)

ROULEAU POUR LE LAMINAGE À CHAUD DE TIGES MÉTALLIQUES ET AUTRES, ET MACHINE DE LAMINAGE À CHAUD DE FILS MÉTALLIQUES ET AUTRES POURVUE DUDIT ROULEAU

Publication

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Application

**EP 14758646 A 20140530**

Priority

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- IB 2014061854 W 20140530

Abstract (en)

[origin: WO2014191975A1] A wire-rod and the like, hot-rolling machine (1) wherein the two rollers (6) are fitted on respective frustoconical end portions (4a) of as many counter-rotating supporting shafts (4), via interposition of corresponding centring and coupling bushings (7) having a frustoconical internal profile, each of which is fitted on the end portion (4a) of a, respective supporting shaft (4), between the supporting shaft (4) and the corresponding roller (6), and is structured so as to mesh on the supporting shaft (4) so as to be angularly integral to said supporting shaft (4), and so as to be inserted/wedged between the supporting shaft (4) and the roller (6) thus to centre the roller (6) on the supporting shaft (4) and moreover make the roller (6) angularly integral to the body of the supporting shaft (4); each centring and coupling bushing (7) being provided with an annular flange (11) having an eccentric lobe-shaped profile and which cantilevered projects from the outer surface of the bushing (7), at one of the two mouths of the central through hole (6a) of the roller (6), and is designed to engage a corresponding annular groove (6b) with eccentric lobe-shaped profile which is formed on the body of the roller (6) at the mouth of the roller central through hole (6a), and has a shape complementary to that of the annular flange (11).

IPC 8 full level

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CPC (source: EP US)

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