

Title (en)

UNIVERSAL PLANETARY ROLLING MILL FOR LONG PRODUCTS

Publication

**EP 0156151 B1 19900321 (FR)**

Application

**EP 85101613 A 19850214**

Priority

FR 8402803 A 19840222

Abstract (en)

[origin: ES8700091A1] In this rolling mill, a rolling action is brought about by work rolls acting as opposing pairs arranged equiangularly at the periphery of rotating rolling units distributed symmetrically about the material to be rolled. The axes (10') of the work rolls (10, 11) are parallel with the axis (40) of the rotating unit that carries them, and each work roll (10) is a solid of revolution consisting of two truncated cones (12, 13) axially joined by their equal minor bases and forming a rounded "waist" in the plane V perpendicular to the axis (10') of the work rolls. The invention is applicable to non-flat metal products whatever their cross-sectional shape. With quadrangular products, the invention assures well-finished radius corners with no chance of twisting.

IPC 1-7

**B21B 13/20**

IPC 8 full level

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