

Title (en)

METHOD AND DEVICE FOR PRODUCING A HOLLOW BODY FROM SOLID ROUND STEEL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINES HOHLKÖRPERS AUS MASSIVEM RUNDSTAHL

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE UN CORPS CREUX EN ACIER ROND MASSIF

Publication

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Application

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Abstract (en)

[origin: US6006570A] PCT No. PCT/DE97/00507 Sec. 371 Date Sep. 11, 1998 Sec. 102(e) Date Sep. 11, 1998 PCT Filed Mar. 7, 1997 PCT Pub. No. WO97/33707 PCT Pub. Date Sep. 18, 1997A method and a device for producing a hollow body from solid round steel that has been heated to shaping temperature by piercing in an inclined rolling mill using pass-closing guide elements. For this purpose, prior to the commencement of piercing, the clear distance between the pass-closing guide elements is reduced in comparison to that of the stationary rolling phase and, after initial rolling, the distance is adjusted to the customary value for the stationary phase. The changes in distance are effected automatically through the balancing of the forces acting on the pass-closing guide elements during the shaping of the round steel and the closing forces which keep the pass opening dimension small.

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