

Title (en)
CONVEYOR BELT FOR USE IN A CONTINUOUS STRIP-CASTING PLANT FOR THE PRODUCTION OF METAL STRIP

Title (de)
TRANSPORTBAND EINER BANDSTRANGGIESSEINRICHTUNG ZUM GIESSEN VON BÄNDERN AUS METALL

Title (fr)
BANDE TRANSPORTEUSE D'UNE INSTALLATION DE COULEE CONTINUE POUR LA PRODUCTION DE FEUILLARDS METALLIQUES

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Application
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Priority

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Abstract (en)
[origin: US5740852A] PCT No. PCT/DE94/01545 Sec. 371 Date Jul. 22, 1996 Sec. 102(e) Date Jul. 22, 1996 PCT Filed Dec. 21, 1994 PCT Pub. No. WO95/17988 PCT Pub. Date Jul. 6, 1995A conveyor belt of a continuous strip-casting device for casting strips of metal, particularly steel, which belt is guided by a driven drum and a drum horizontally adjacent to the driven drum and displaceable for tensioning the belt. The belt rests in this connection on a support arranged between the drums and the side thereof facing away from the cast strip is cooled. The conveyor belt has, on the side remote from the cast strip, uniformly distributed blind holes. The blind holes are separated by webs of a minimum width. The total surface area of the webs is 0.15 to 0.4 times the total surface area of the belt. The bottoms of the blind holes have a wall thickness which, upon heating by the cast strip with simultaneous cooling of the inside surface of the blind holes, permits a bulging of the bottom of less than 1 mm.

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