

Title (en)

Improved continuous casting and hot rolling apparatus for the parallel production of different rods or wires

Title (de)

Verbesserte Strangguss- und Heisswalzanlage zur Parallel-Simultanerzeugung von Stangen oder Drähten

Title (fr)

Amélioration d'une machine de coulée continue et de laminage à chaud pour la fabrication parallèle des tiges ou des fils

Publication

EP 1240954 A2 20020918 (DE)

Application

EP 02001543 A 20020123

Priority

IT PN20010011 A 20010215

Abstract (en)

The roller assembly, for continuous casting and hot rolling in a parallel and simultaneous extrusion of a number of rods or wires (b1-bn), uses vertical and horizontal roller arrays. A number of shaping holes (10) at the transfer molding dies take the rod/wire materials directly to be manipulated into the required structure. The transfer molding die for continuous cast material has squeeze rollers to force the material through the transfer molding die to be given round, oval or polygonal shapes. The holes follow a curved path (b) through the die. The transfer molding die has two separate water-cooled chambers (c1,c2), with recirculating coolant water at different temperatures (e1,e2).

Abstract (de)

Strangguss- und Heißwalzanlage zur Parallel-Simultanfließherzeugung von einer Vielzahl von Stangen oder Drähten, welche Stranggussmittel mit Fließformungsmitteln zur fortlaufenden Herstellung einer Vielzahl von Streifen/Stangen und Drähten (b1, b2...bn) sowie Vertikal- und Horizontalwalzmittel zum fortlaufenden Heißwalzen derselben umfasst, dadurch gekennzeichnet, daß die besagte Fließformstanze eine Vielzahl von gefluchteten, jeweils voneinander getrennten Formungslöchern (10) besitzt um direkt eine Vielzahl der besagten, zu walzenden Streifen/Stangen/Drähte (b1, b2, b3, ...bn) herzustellen; <IMAGE>

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IPC 8 full level

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