

Title (en)
SPRAY-NOZZLE ADJUSTING DEVICE

Title (de)
SPRITZDÜSEN-VERSTELLEINRICHTUNG

Title (fr)
DISPOSITIF DE REGLAGE DE BUSE D'INJECTION

Publication
EP 2010347 B1 20100407 (DE)

Application
EP 07711678 A 20070227

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• EP 2007001658 W 20070227
• AT 6992006 A 20060425

Abstract (en)
[origin: WO2007121804A1] The subject matter of the invention is a spray-nozzle adjusting device in a strand guide (2) of a continuous casting plant for producing metal strands of different strand width, wherein the strand guide comprises strand guide rollers (3, 3a, 3b, 3c, ...) which are supported in a support frame (2a) and form a transport path (1c) for the metal strand, and at least two spray nozzles (5a, 5b) are assigned to this transport path in a plane lying normal to the strand delivery direction (R) between adjacent strand guide rollers, said spray nozzles (5a, 5b) each being connected to an adjusting device (12) for changing the distance between the spray nozzles and for changing the normal distance of the spray nozzles from the transport path. To ensure ease of maintenance and good accessibility of the adjusting device, it is proposed that a spray nozzle holder (10) be assigned to each spray nozzle (5a, 5b) arranged in a plane lying normal to the strand delivery direction and that the spray nozzle holder be fastened to an actuating piston (11) of at least one adjusting device (12), wherein, during an axial adjusting movement of the actuating piston, an adjusting movement of the spray nozzles which is parallel to this axial adjusting movement is effected, and the adjusting device (12) is fastened to the support frame (2a) of the strand guide (2) in a region lying at a distance from the transport path (1c).

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Cited by
EP2527061A1; EP2412459A1; WO2012163878A1; WO2012013474A3; US8522858B2; US8596335B2; WO2012013474A2; EP2598270B1

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