

Title (en)

ARRANGEMENT FOR CONNECTING A NEW CAST STRAND IN CONTINUOUS CASTING

Publication

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Application

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Abstract (en)

[origin: EP0398378A2] The invention describes a method and arrangements for connecting a new cast strand to a preceding strand during continuous casting in a continuous casting plant. <??>The continuous casting plant has a tundish with a closeable outflow opening. Arranged underneath the outflow opening is a cooled continuous casting mould in which the connection of the new cast strand takes place. The method for connecting two cast strands in a continuous casting mould in the case of a change of charge makes it necessary to close the mould outlet briefly, this being achieved by opening the mould outlet, casting a strand, attaching connecting means to the end of the strand and connecting the leading end of the new strand to the connecting means for the purpose of further processing the two strands jointly. As connecting means, the arrangements for connecting either a cold strand or a preceding, still hot cast strand use a stub tube-like body which, in the simplest case, comprises a tube whose cross-section is geometrically similar to the cross-section of the mould. A frictional connection is formed in this tubular body due to the shrinking on of the strand shell as it cools. <IMAGE>

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Citation (search report)

- [A] DE 3329078 A1 19850228 - PROIZV OB URALMAS [SU]
- [A] DE 2611793 A1 19770922 - STODY CO
- [A] FR 2447243 A1 19800822 - SUMITOMO METAL IND
- [AP] EP 0325792 A2 19890802 - SCHLOEMANN SIEMAG AG [DE]
- [AD] EP 0231520 A1 19870812 - DISLICH MARGRIT

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