

Title (en)

Filled tubular article and method for casting boron treated steel.

Title (de)

Gefüllter rohrförmiger Gegenstand und Verfahren zum Giessen eines mit Bor behandelten Stahles.

Title (fr)

Objet tubulaire rempli et procédé pour la coulée d'acier traité au bore.

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Application

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Priority

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Abstract (en)

The invention provides a filled tubular article (38) for controlled dissolution in a molten metal for making boron treated steel, comprising: an elongate conduit of ferrous material (56) an elongate, non-particulate member located within the conduit, the member being primarily of aluminum material (58) and a preselected particulate master composition (60) including particles being made of a material containing a preselected amount of the chemical element boron. The invention also provides a method of casting a boron treated steel article by introducing molten steel into a mold (20), the improvement comprising: the introduction below the surface of the molten steel (13) in the mold of preselected percentages by height of aluminum in the form of a non-particulate elongate member and boron in the form of particles of a material containing the chemical element boron, said elongate member and particles being within an outer conduit of ferrous material of a filled tubular article (38)

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