

Title (en)
HOW TO AVOID CONTACT BETWEEN OXYGEN AND MOLTEN METAL

Title (de)
VERFAHREN ZUM VERHINDERN DES KONTAKTES VON SAUERSTOFF MIT EINER METALLSCHMELZE

Title (fr)
PROCEDE POUR EVITER LE CONTACT ENTRE OXYGENE ET METAL EN FUSION

Publication
EP 0971804 A1 20000119 (DE)

Application
EP 98909453 A 19980212

Priority
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Abstract (en)
[origin: WO9835772A1] According to the method for avoiding contact between oxygen and molten metal, said molten metal pours into a casting chamber limited by walls (1, 2, 13) and flows out of it in the form of billet. In order to avoid any contact between oxygen and molten metal and thereby entirely prevent reoxydation, the oxygen trying to penetrate between the walls (1, 2, 13) and/or adhering to them (1, 2) is chemically reacted through possible splits (18) by using a compound with no adverse effect on molten metal (20).

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Citation (search report)
See references of WO 9835772A1

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