

Title (en)
AIR INTERCEPTIVE STRUCTURE IN FIRE RESISTANT STRUCTURE

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Application
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Abstract (en)
[origin: WO9202323A1] A structure for ensuring air interception for molten steel in a fire-resistant structure such as a sliding nozzle device having a molten steel outpouring port, in which, in a fire-resistant structure having a fire-resistant material provided with a nozzle hole (7) for downward flow of molten steel, a groove (9) for air venting is formed around the nozzle hole, the groove being of an air venting structure to communicate with a passage (10) leading to an outside air venting device, whereby an air pressure is positively reduced to be negative at the joining surfaces of the fire-resistant materials and external air is completely prevented from entering the nozzle hole through the joining parts.

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