

Title (en)

Delivery- and distribution system for gas and lubrication-fluid for a continuous casting plant

Title (de)

Gas- und Trennmittelzuführungs- und Verteilungssystem für eine Vorrichtung zum Stranggiessen

Title (fr)

Système d'alimentation et de distribution pour gaz et fluide de lubrification pour un dispositif de coulée continue

Publication

EP 0566865 B1 19961113 (DE)

Application

EP 93104224 A 19930316

Priority

DE 4212531 A 19920415

Abstract (en)

[origin: EP0566865A1] Apparatus for the continuous casting of metal while simultaneously supplying a lubricant (13) or a lubricant mixture to the surface of the cast strand, with delivery channels (30,36) for at least one lubricant or a lubricant mixture, the outlet openings of which emerge in an intermediate area between a hot top (21), through the opening of which molten metal is supplied, and a mould in the open cross-section of which the molten metal solidifies. Provided between the hot top and the mould (22) is an intermediate element with a central opening, the surfaces of which, together with the adjoining surfaces of the hot top and/or of the mould, form at least the end sections of the delivery channels (30,36), which end sections lead directly to the outlet openings, the intermediate element being a sheet-metal part. In addition, end sections of the delivery channels, said end sections extending at least as far as the opening edge, are machined into the surface of the intermediate element and/or into the surface of the mould to a constant depth. <IMAGE>

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B22D 11/07

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CPC (source: EP US)

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