

Title (en)

CONDUIT SECTION AND MOLD DEVICE WITH THE CONDUIT SECTION

Title (de)

LEITUNGSABSCHNITT UND KOKILLENEINRICHTUNG MIT DEM LEITUNGSABSCHNITT

Title (fr)

SECTION DE CONDUITE ET DISPOSITIF DE LINGOTIÈRE DOTÉE DE LA SECTION DE CONDUITE

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Application

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CPC (source: EP)

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Citation (examination)

JP S579564 A 19820119 - SUMITOMO METAL IND

Citation (opposition)

Opponent : Primetals Technologies Austria GmbH

- DE 102008057888 A1 20100325 - SMS SIEMAG AG [DE]
- DE 2047347 A1 19720127
- US 4776617 A 19881011 - SATO TOSHIYUKI [JP]
- US 6973957 B2 20051213 - NAITO MAKOTO [JP]
- KR 20070005047 A 20070110 - POSCO [KR]
- DE 102009011849 A1 20100909 - SMS SIEMAG AG [DE]
- CN 201284892 Y 20090805 - ZHEJIANG BORUN HYDRAULIC PRESS [CN]
- US 3427051 A 19690211 - WHITE ROBERT F, et al
- DE 1811156 A1 19700611 - KESSLER & CO TECH CHEM GMBH
- BEITZ W, KUTTNER K H: "Dubbel Taschenbuch für den Maschinenbau. 16. Auflage. Auszug", SPRINGER VERLAG, 1 January 1987 (1987-01-01), pages G74 - G74, XP055909030

Cited by

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