

Publication

EP 0552501 A3 19950222

Application

EP 92122119 A 19921230

Priority

DE 4201363 A 19920120

Abstract (en)

[origin: EP0552501A2] With a mould for the continuous casting of steel strip or thin slabs with cooled broad-side walls (1, 2) and narrow-side walls (3, 4), the broad-side walls form a funnel-shaped pour-in region (5, 8) which is reduced towards the narrow-side walls (3, 4) and in the casting direction to the format of the cast strip (6). The curvature of the pour-in region (5, 8) is defined by lateral circular arcs Rs and central circular arcs Rm connected to the latter at tangential points T. <??>To reduce friction and wear and to reduce the tensile and bending load on the strand shell, the radii (Rsl - ll) of the lateral circular arcs from the mould top edge are constant in a section (10) of the pour-in region (5, 8) extending from a point at least 100 mm down from the mould top edge. <IMAGE>

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/04 (2006.01)

CPC (source: EP US)

B22D 11/0408 (2013.01 - EP US)

Citation (search report)

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- [A] WO 8912516 A1 19891228 - DAVY DISTINGTON LTD [GB]
- [A] EP 0149734 A2 19850731 - SCHLOEMANN SIEMAG AG [DE]
- [AD] DE 3907351 A1 19900913 - SCHLOEMANN SIEMAG AG [DE]
- [AD] EP 0268910 A2 19880601 - SCHLOEMANN SIEMAG AG [DE]

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