

Title (en)  
CONTINUOUS CASTING CHILL

Title (de)  
STRANGGIESSKOKILLE

Title (fr)  
COQUILLE DE COULEE CONTINUE

Publication  
**EP 0766608 A1 19970409 (DE)**

Application  
**EP 96909916 A 19960415**

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• AT 66395 A 19950418

Abstract (en)  
[origin: US5799719A] PCT No. PCT/AT96/00072 Sec. 371 Date Apr. 4, 1997 Sec. 102(e) Date Apr. 4, 1997 PCT Filed Apr. 15, 1996 PCT Pub. No. WO96/33034 PCT Pub. Date Oct. 24, 1996A continuous casting mold for casting a billet with a polygonal cross section has side walls delimiting a mold space with a polygonal cross section and the side walls have a center region extending from an open top end to an open bottom or exit end of the mold with a first degree of taper and, at the sides of the center regions, abutting side regions with a lesser degree of taper than the first degree. In order to obtain even growth of the casting shell with low frictional forces, the center region has a degree of taper which is greater than the amount from the billet contraction and the width of the side regions increases as the distance from the exit end of the continuous casting mold decreases.

IPC 1-7  
**B22D 11/04**

IPC 8 full level  
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**US 5799719 A 19980901**; AT 404235 B 19980925; AT A66395 A 19980215; AT E186245 T1 19991115; CN 1081498 C 20020327; CN 1150769 A 19970528; DE 59603553 D1 19991209; EP 0766608 A1 19970409; EP 0766608 B1 19991103; KR 100236317 B1 19991215; KR 970703827 A 19970809; WO 9633034 A1 19961024

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