

Title (en)
Process of continuous casting of metal and continuous casting plant for carrying out the method

Title (de)
Verfahren zum Stranggiessen von Metall sowie Stranggiessanlage hierzu

Title (fr)
Procédé pour la coulée continue de métal et installation de coulée continue appropriée

Publication
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Application
EP 99890050 A 19990210

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AT 184498 A 19981106

Abstract (en)
[origin: EP0934786A1] The aim of the invention is to create an installation comprising a straight permanent mold (9) out of a continuous casting installation having a curved permanent mold (1), whereby as many components as possible of the continuous casting installation having the curved permanent mold (1) can be used for additional applications. To this end, the straight casting which exits the straight permanent mold (9) is, in at least one bending zone (12), curved along a transition curve to form the shape of a circular arc comprising a first radius (Rmin). In addition, said casting is, in at least one successive straightening zone (14), curved along a transition curve to form the shape of a circular arc comprising a second radius (Rend) which is larger than the first radius (Rmin). Said radius (Rend) preferably corresponds to the shape of the circular arc of an initial continuous casting installation having a curved permanent mold (1).

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Cited by
EP1103321A1; EP2893993A1

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