

ABSTRACT

5 A twin drum-type continuous casting process for
casting thin cast strip by solidifying molten steel
continuously fed between a pair of cooling drums placed
parallel to each other, wherein the cooling drums are
given an added degree of concave crown such that a solid
fraction at the thickness center of the thin cast strip,
when the distance from the edges toward the center of the
10 thin cast strip at the closest position of said cooling
drums is within 50 mm, is exhibited which is a value
greater than the fluid critical solid fraction, or
alternatively the cooling rate near the edges of the
cooling drums is improved.