

Title (en)

MULTI-POINT STRAIGHTENING BOW TYPE CONTINUOUS-CASTING MACHINE HAVING A LOW MACHINE HEIGHT

Publication

**EP 0074247 B1 19860319 (EN)**

Application

**EP 82304600 A 19820901**

Priority

JP 13842681 A 19810904

Abstract (en)

[origin: EP0074247A1] Continuous-casting machine (CCM) which comprises a curved mold (9), an oscillating means (8) for imparting oscillation movement to the curved mold (9), a strand-guiding means (11) in which a plurality of pairs of upper and lower supporting rolls (15, 14) are arranged so as to guide a strand along the basic radius of the curve, a multi-point straightening means (12) in which a plurality of pairs of upper and lower straightening rolls (21) for straightening the strand is arranged and which defines curves having successively increasing radii, and a guiding means for guiding the strand in a horizontal direction. Maintenance and roll-alignment adjustment of the curved strand-guiding path of the above-mentioned CCM are facilitated in that said CCM further comprises a removable and exchangeable strand (3), which is placed on a stand-carrying base frame (1) and which is provided with the curved mold (9) and the oscillating means (8), and a main frame (10), which is connected to the stand (3) and in which the strand-guiding means (11) and the multi-point straightening means (12) are removably and exchangeably arranged, whereby the curved mold (9), the oscillating means (8), the strand-guiding means (11), and the multi-point straightening means (12) are set in a block in a single stand which is removably and exchangeably arranged at a predetermined position on the base frame.

IPC 1-7

**B22D 11/128; B22D 11/14**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/128** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP)

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Cited by

CN109226704A; WO2007101685A1; DE102013224557A1; EP2893993A1; US8100166B2

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