

Title (en)

LIVE ROLLER FEED BED IN FRONT OF COOLING BEDS FOR TRANSFERRING ROLLING STOCK LENGTHS ARRIVING ONE AFTER THE OTHER

Publication

EP 0113039 B1 19861112 (DE)

Application

EP 83111808 A 19831125

Priority

DE 3244766 A 19821203

Abstract (en)

[origin: US4554813A] Device to separate without gaps the trailing end of a leading individual length of rolled stock and the leading end of a following length, which are parted from a rolled billet by cross-cutting shears, in the live-roller feed bed upstream of cooling beds, comprises a separate trough section disposed downstream of a switch in the form of a separating diverter subdivided into two parallel longitudinal sections, one with a fixed trough section and one vertically displaceable trough section which forms a depressed portion at a lower level. The switch and the trough section are jointly displaceable in the same direction transversely to the conveying direction in a horizontal plane by a displacement device in such a way that the leading end passes over the trough section in a curved path directed in an inclined manner towards the outer lateral wall of the fixed trough section and after the switch has been shifted the trailing end of the length is drawn in through the trough section disposed at a lower level and forming a depressed portion avoiding lashing of the trailing end of the length discharged from the switch and resultant surface damage even at high run-up speeds.

IPC 1-7

B21B 43/00

IPC 8 full level

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CPC (source: EP US)

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