

Title (en)  
INSTALLATION FOR ROLLING OUT OF HOT WIDE STRIP

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Application  
**EP 91100164 A 19910107**

Priority  
DE 4001288 A 19900118

Abstract (en)  
[origin: EP0438066A2] The invention describes an installation for rolling out hot wide strip from continuously cast thin slabs by means of a continuous finishing train 19 which operates with three casting machines or casting lines 1, 2, 3 positioned ahead of it, the central casting machine or casting line 2 being in line with the finishing train 19. The transfer of the thin slabs 24, 25, 26 from the cast strands 21, 22, 23 into the finishing train 19 is performed by two transfer carriages 16 and 17 operating as combined longitudinal/trans-verse/longitudinal conveying systems, these two transfer carriages 16 and 17 being alternately placed in alignment with in each case two cast strands 21, 22 or 22, 23 running adjacent to one another.

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Citation (search report)  
• [A] EP 0165586 A2 19851227 - KORTEC AG [CH], et al  
• [A] US 3648359 A 19720314 - DENNIS WILLIAM E  
• [A] EP 0178059 A1 19860416 - DAVY MCKEE SHEFFIELD [GB]  
• [X] PATENT ABSTRACTS OF JAPAN Band 8, Nr. 227 (M-332)(1664), 18. Oktober 1984; & JP-A-59110403 (ISHIKAWAJIMA HARIMA JUKOGYO K.K.) 26.06.1984  
• [X] PATENT ABSTRACTS OF JAPAN Band 9, Nr. 242 (M-417)(1965), 28. September 1985; & JP-A-60096302 (KAWASAKI JUKOGYO K.K.) 29.05.1985

Cited by  
WO2009030190A1; WO2011101231A1; EP0893167A3; EP0593002A1; EP0595282A1; EP0770433A1; US5970594A; WO2011061262A1; DE102011003146A1; WO2012101210A1; US8205660B2; US6282767B1; DE102010008292A1; DE102010008292B4

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