

Title (en)

Method and apparatus for coupling the casting and rolling of metals

Title (de)

Verfahren und Vorrichtung zum Verbindung des Giessens und Walzens von Metallen

Title (fr)

Procédé et dispositif pour combiner la coulée et la laminage de métaux

Publication

EP 0884118 A1 19981216 (EN)

Application

EP 98302915 A 19980415

Priority

GB 9711855 A 19970610

Abstract (en)

The invention relates to an apparatus for the combined casting and rolling of metals comprising at least two casting lines 12, 13 and a rolling line 14 each casting line 12, 13 also comprising a corresponding receiving platform 15, 16 onto which the slab is cast which is comprised of at least two separate moveable sections 22 - 28 each of which are shorter than the length of the cast slab and which are independently moveable between a first position in which they are in line with the corresponding caster 12, 13 and a second position in which they are in line with the rolling line 14. The receiving platform 15, 16 also conveniently comprises a separate fixed section which remains fixed to each of the casting lines 12, 13. The receiving platform may comprise 2, 3, 4, 5 or a greater number of moveable sections. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [A] EP 0770433 A1 19970502 - DANIELI OFF MECC [IT]
- [A] EP 0593002 A1 19940420 - SCHLOEMANN SIEMAG AG [DE]
- [A] EP 0492226 A2 19920701 - SCHLOEMANN SIEMAG AG [DE]
- [A] DE 4017928 A1 19911212 - SCHLOEMANN SIEMAG AG [DE]
- [A] DE 3735949 A1 19890503 - RUHRGAS AG [DE]

Cited by

EP0893167A3; EP2910316A1; CN105980072A; US10456818B2; WO2015124363A1

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