

Title (en)

ARRANGEMENT FOR SEPARATING A STARTER BAR FROM A CAST STRAND IN A CONTINUOUS CASTING PLANT

Publication

EP 0035988 B1 19830713 (DE)

Application

EP 81890032 A 19810224

Priority

AT 120280 A 19800305

Abstract (en)

[origin: EP0035988A1] 1. Arrangement for separating a starter bar (13) from a cast strand (5) in a continuous casting plant comprising an arcuate strand-guide part (6) and an approximately horizontal strand-guide part (11, 14) including a cutting means (15) for the cast strand, in particular in a steel-slab continuous casting plant, the starter bar comprising a starter bar head (20) that is connectable with the cast strand in a direct cast-connection and reusable, i.e. a so-called <<permanent head>>, which is detachable from the cast strand by a separating means (12) arranged in the strand guide, and the starter bar being conveyable out of the strand guide by a lifting means (34, 39 ; 42 ; 62), characterized in that - the separating means (12) is provided in front of the strand guide part (14) comprising the cutting means (15), - the lifting means (34, 39 ; 42 ; 62) also is arranged in front of the strand-guide part (14) comprising the cutting means (15), at a short distance behind the separating means (12), i.e. at a distance that is shorter than the length of the starter bar (13), - and as the connection between the permanent head (20) and the remaining starter bar (23, 24) a hook shaped coupling (25) that is open towards the upper side (29) of the starter bar is provided.

IPC 1-7

B22D 11/08

IPC 8 full level

B22D 11/08 (2006.01); **B22D 11/12** (2006.01)

CPC (source: EP)

B22D 11/083 (2013.01)

Citation (examination)

- DE 2744770 A1 19780413 - CONCAST AG
- DE 2928783 A1 19800214 - VOEST ALPINE AG
- AT 340624 B 19771227 - VOEST AG [AT]
- AU 468819 B2 19760122
- AT 343834 B 19780626 - VOEST AG [AT]

Cited by

EP0128328A1; US4590984A; AT517976A1; AT517976B1; WO2017084880A1

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