

Title (en)
REVOLVING LADLE TURRET FOR A CONTINUOUS-CASTING PLANT

Publication
EP 0206169 A3 19880803 (DE)

Application
EP 86108108 A 19860613

Priority
NL 8501823 A 19850625

Abstract (en)
[origin: EP0206169A2] Lifting devices for loading and unloading the ladle (2) onto or from the ladle-supporting arm (5) have been disclosed for loading revolving ladle turrets (3) in continuous steel-casting plants. In order to be able to install such revolving ladle turrets (3) even in low transfer and casting bays and in order to eliminate swinging movements of the ladle (2) during lifting, it is proposed to bring the ladle-supporting arm (5) from a self-loading position (19) for casting ladles (2) into a casting position (31) by means of a lifting device (18) and to use the lifting device (18) to lift the ladle (2) from an industrial truck (1) itself, the said industrial truck preferably travelling at floor level (25) in the steelworks. <IMAGE>

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B22D 11/10

IPC 8 full level
B22D 11/10 (2006.01); **B22D 41/00** (2006.01); **B22D 41/13** (2006.01)

CPC (source: EP)
B22D 41/13 (2013.01)

Citation (search report)
• [YD] EP 0009259 A1 19800402 - CONCAST AG [CH]
• [Y] FR 2536318 A1 19840525 - FIVES CAIL BABCOCK [FR]
• [Y] US 4056197 A 19771101 - PEYTAVIN PIERRE
• [Y] AT 379977 B 19860325 - VOEST ALPINE AG [AT]
• [A] FR 2230436 A1 19741220 - FIVES LILLE CAIL [FR]

Cited by
CN101879592A; US5478056A; EP0277846A1; FR2609253A1; DE4228432C1; EP0587260A1; WO8804969A1

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