

Title (en)
INSTALLATION FOR A METALLURGICAL VESSEL WITH A PROTECTIVE TUBE

Publication
EP 0015251 B1 19820630 (DE)

Application
EP 80890019 A 19800213

Priority
AT 128779 A 19790220

Abstract (en)
[origin: EP0015251A1] 1. Arrangement at a metallurgical vessel (1) including a protection tube (8) for a metal casting jet (7) streaming out of an outlet opening (3) of the vessel, in particular at a tundish (1) of a continuous casting plant, wherein the protection tube (8) comprises a jacket (16) peripherally surrounding the casting jet (7) and extending from the outlet opening (3) of the metallurgical vessel over at least part of the longitudinal extension of the casting jet (7), the jacket including an opening (20) that is closeable by means of a covering (24), characterized in that the opening (20) of the jacket (16) is designed as a slot extending over the total length (21) of the jacket and whose width (22) is larger than the diameter (23) of the casting jet (7), and in that the jacket (16) is detachably fastened to the metallurgical vessel (1) by means of a quick lock (9).

IPC 1-7
B22D 11/10; **B22D 41/08**

IPC 8 full level
B22D 11/10 (2006.01); **B22D 11/106** (2006.01); **B22D 37/00** (2006.01); **B22D 41/58** (2006.01)

CPC (source: EP)
B22D 11/106 (2013.01); **B22D 37/005** (2013.01)

Cited by
US4480770A; CN112024866A; CN103350222A; US4730812A; US4805688A; FR2501086A1

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EP 0015251 A1 19800903; **EP 0015251 B1 19820630**; AT 368415 B 19821011; AT A128779 A 19820215; BR 8000915 A 19801029; CA 1157227 A 19831122; DE 3060604 D1 19820819; ES 488721 A0 19801101; ES 8100124 A1 19801101; JP S55114450 A 19800903

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