

Title (en)

Device for exchanging a submerged nozzle between two metallurgical vessels in a continuous casting plant.

Title (de)

Vorrichtung zum Austausch eines Tauchrohres zwischen zwei metallurgischen Gefäßen einer Stranggussanlage.

Title (fr)

Dispositif de remplacement d'une buse de coulée immergée entre deux récipients métallurgiques d'une installation de coulée continue.

Publication

EP 0442515 B1 19940511 (DE)

Application

EP 91102134 A 19910215

Priority

IT 1937590 A 19900215

Abstract (en)

[origin: EP0442515A1] Device for exchanging a submerged nozzle (10W, 10A) between two metallurgical vessels (1,25) in a continuous casting plant, consisting of a supporting device (8) for accommodating a first submerged nozzle (10W) and holding it in contact by its upper, free end with the corresponding lower free end of an outlet (2) of a first metallurgical vessel (1) and for accommodating a second submerged nozzle (10A) at an angle to the first submerged nozzle (10W), the supporting device (8) being rotatable for the purpose of moving the first submerged nozzle (10W) out of the operating position into a position for removal, and for simultaneously pivoting the second submerged nozzle (10A) into the operating position and holding it in contact with the lower, free end of the outlet (2). <IMAGE>

IPC 1-7

B22D 41/56

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0577909A1; FR2733705A1; US5984153A; BE1007317A3; US5693249A; CN1046877C; FR2745211A1; AU731336B2; WO9634713A1; WO9503906A1; US6227421B1; WO9730807A1

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