

Title (en)  
Electromagnetic agitating method for continuous casting

Title (de)  
Elektromagnetische Rührereinrichtung für das Stranggiessen

Title (fr)  
Dispositif de brassage électromagnétique en lingotière

Publication  
**EP 0511465 B2 20031203 (FR)**

Application  
**EP 92102888 A 19920221**

Priority  
LU 87914 A 19910403

Abstract (en)  
[origin: EP0511465A2] The invention relates to an electromagnetic agitating device in an ingot mould, in a continuous-casting installation with a mould (shell) (14) and an inductor (32) for creating a rotational movement of the molten metal in the mould (shell) (14). In order to permit implementation of free-jet casting and casting with a nozzle immersed in the same device, the inductor (32) is displaceable vertically with respect to the mould (shell) (14). <IMAGE>

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**B22D 11/115** (2013.01); **B22D 11/122** (2013.01)

Citation (opposition)  
Opponent :

- GB 1086276 A 19671004 - SCHLOEMANN AG
- DE 2921280 A1 19791129 - ARBED
- DE 3730300 C2 19890810
- JP S6360056 A 19880316 - NISSHIN STEEL CO LTD
- JP H0351954 U 19910521

Cited by  
EP0807477A1; US6003590A

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**EP 0511465 A2 19921104**; **EP 0511465 A3 19930421**; **EP 0511465 B1 19970924**; **EP 0511465 B2 20031203**; AT E158525 T1 19971015; AT E171656 T1 19981015; CA 2040830 A1 19921004; CA 2040830 C 20030819; DE 69222348 D1 19971030; DE 69222348 T2 19980226; DE 69222348 T3 20040722; DE 69227206 D1 19981105; DE 69227206 T2 19990415; EP 0778098 A2 19970611; EP 0778098 A3 19971008; EP 0778098 B1 19980930; ES 2108054 T3 19971216; ES 2108054 T5 20040701; ES 2123347 T3 19990101; LU 87914 A1 19921116

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