

Title (en)  
Submerged entry nozzle for molten metal

Title (de)  
Tauchdüse für Metallschmelze

Title (fr)  
Busette de coulée submergée pour métal en fusion

Publication  
**EP 1875979 A1 20080109 (EN)**

Application  
**EP 07111722 A 20070704**

Priority  
FI 20060649 A 20060704

Abstract (en)  
The invention relates to a submerged entry nozzle (1) for molten metal, such as molten steel, comprising an upper attaching head (2) and a lower immersion head (3). The nozzle is reinforced by manufacturing the wall from cured refractory casting mass (4). The mass (4) is surrounded by reinforcing sheet steel (5), which is installed when casting. The mass can also be reinforced with reinforcing fibres and a reinforcement bushing (6) can be installed inside the mass before casting.

IPC 8 full level  
**B22D 41/52** (2006.01); **B22D 41/54** (2006.01)

CPC (source: EP FI)  
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Citation (search report)

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