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EP 0561181 A3 19940202

Application
EP 93102819 A 19930224

Priority
DE 4208520 A 19920317

Abstract (en)
[origin: EP0561181A2] A tap pipe for a converter or an electric arc furnace should achieve tapping times which are the same as far as possible during as many tappings as possible. For this purpose, the flow cross-sections at the various heights of the tap pipe (3) are, at least in the outflow zone (11) of the tap pipe (3), approximately equal to the cross-sections of that flow profile (So) of the melt which results at a vertical flow of the melt with a bath level of between 30% and 70% of the maximum bath level height (xm). <IMAGE>

IPC 1-7
C21C 5/46; F27B 3/19; F27D 3/15

IPC 8 full level
C21C 5/46 (2006.01); **F27B 3/19** (2006.01); **F27D 3/15** (2006.01)

CPC (source: EP US)
C21C 5/4653 (2013.01 - EP US); **F27B 3/19** (2013.01 - EP US); **F27D 3/1518** (2013.01 - EP US)

Citation (search report)
- [AD] EP 0057946 A1 19820818 - VEITSCHER MAGNESITWERKE AG [AT]
- [A] EP 0414308 A1 19910227 - HOOGOVENS GROEP BV [NL]
- [A] DIETRICH SUCKER ET AL.: "Strömungsuntersuchungen für schmelzmetallurgische Prpzesse", STAHL UND EISEN., vol. 105, no. 14, 22 July 1985 (1985-07-22), DUSSELDORF DE, pages 765 - 769
- [AP] FRANZ-JOSEF FINGERHUT ET AL.: "Optimierte Abstichzeiten und hohe Feuerfeststandzeiten durch neues Konverterabstichsystem", STAHL UND EISEN., vol. 112, no. 6, 15 June 1992 (1992-06-15), DUSSELDORF DE, pages 89 - 94, XP000278578

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