

Title (en)  
INSTALLATION FOR THE INTRODUCTION OF POWDERY AGENTS INTO A MELTING LADLE

Publication  
**EP 0274557 B1 19900704 (DE)**

Application  
**EP 87101652 A 19870206**

Priority  
DE 8633343 U 19861212

Abstract (en)  
[origin: EP0274557A1] 1. Device for introducing powdered reagents into a torpedo ladle (1), containing a lance (2) which is arranged approximately vertically in the torpedo ladle, serves for the pneumatic delivery of the reagents, and at its end which is located in the melt (2) is provided with two outlet nozzles (4, 5) which are arranged approximately horizontally and point in opposite directions, characterised in that the outlet nozzles (4, 5) are rotated by a fixed angle (alpha) between 30 degrees and 60 degrees, preferably approximately 45 degrees, with respect to the longitudinal axis (6) of the torpedo melting ladle (1).

IPC 1-7  
**C21C 1/06; C21C 5/46**

IPC 8 full level  
**C21C 1/06** (2006.01); **C21C 5/46** (2006.01)

CPC (source: EP)  
**C21C 1/06** (2013.01); **C21C 5/4613** (2013.01)

Cited by  
EP0451473A1

Designated contracting state (EPC)  
AT BE DE ES FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0274557 A1 19880720; EP 0274557 B1 19900704**; AT E54334 T1 19900715; DE 3763585 D1 19900809; DE 8633343 U1 19870212; ES 2016574 B3 19901116

DOCDB simple family (application)  
**EP 87101652 A 19870206**; AT 87101652 T 19870206; DE 3763585 T 19870206; DE 8633343 U 19861212; ES 87101652 T 19870206