

Title (en)  
BLOWING LANCE NOZZLE

Title (de)  
BLASLANZENDÜSE

Title (fr)  
NEZ DE LANCE DE SOUFFLAGE

Publication  
**EP 3443131 A1 20190220 (FR)**

Application  
**EP 17719524 A 20170413**

Priority  
• BE 201605263 A 20160415  
• EP 2017058973 W 20170413

Abstract (en)  
[origin: WO2017178606A1] Blowing lance nozzle comprising a central stirring gas-supply tube (2), an inner coolant-inlet tube (5) ending, at one end thereof facing the bath, in a second front wall, referred to as a separator (7) and having a central opening (8), an outer coolant-outlet tube (10), a heat exchange space (16), and a stirring gas-outlet pipe (17) leading from each opening (4) in the front wall (3), wherein the separator (7) has, at the central opening (8), an edge (18) which is curved in axial cross-section such that a height (H3) is defined between a leading face (19) of said edge (18) and the third front wall (12), and such that, in the heat exchange space (16), a predetermined minimum height (H1) is present on the side facing the central opening (8).

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

CPC (source: EP KR US)  
**C21C 5/4606** (2013.01 - EP KR US); **C21C 2005/4626** (2013.01 - EP KR US)

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DOCDB simple family (publication)  
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