

Title (en)
Nozzle head for a blowing lance

Title (de)
Düsenkopf für eine Blaslanze

Title (fr)
Tête de buse pour une lance de soufflage

Publication
EP 2369019 B1 20141008 (DE)

Application
EP 11157406 A 20110309

Priority
DE 102010011170 A 20100312

Abstract (en)
[origin: EP2369019A1] The blower lance with a nozzle head made of high temperature conductive material for blowing gases such as oxygen onto the metal melts, is claimed. The nozzle head of the blower lance is powder-metallurgically produced from a dispersion mixture with high temperature conductive material as basic and an additive material improving the thermal and/or the mechanical properties of the basic metal. The dispersion mixture consists of aluminum and/or copper as basic material with embedded carbon nanotubes and/or embedded titanium diboride as additive material.

IPC 8 full level
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CPC (source: EP)
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