

Title (en)
Ice blast cleaning systems and methods

Title (de)
Eisreinigungsstrahlsystem und Verfahren

Title (fr)
Systèmes et procédés de nettoyage par soufflage de glace

Publication
EP 2415559 A2 20120208 (EN)

Application
EP 11175687 A 20110728

Priority
US 85157210 A 20100806

Abstract (en)
The present application provides an ice blast cleaning method for a layer of slag (30) on a surface (40). The ice blast cleaning method may include the steps of maintaining the surface (40) with the layer of slag (30) thereon at an elevated temperature, shooting a number of ice pellets (110) at the layer of slag (30) on the surface (40), and loosening the layer of slag (30) on the surface (40) via a mechanical impact of the ice pellets (110) on the layer of slag (30) and a thermal shock caused by a temperature differential between the ice pellets (110) and the layer of slag (30).

IPC 8 full level
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CPC (source: EP US)
B24C 1/003 (2013.01 - EP US); **B24C 1/086** (2013.01 - EP US)

Cited by
CN104785466A; EP3076119A4

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EP 2415559 A2 20120208; **EP 2415559 A3 20140903**; CN 102374550 A 20120314; US 2012031350 A1 20120209

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