

Title (en)

COLD GAS SPRAY COATING METHODS AND COMPOSITIONS

Title (de)

VERFAHREN UND ZUSAMMENSETZUNGEN FÜR KALTGASSPRÜHBESCHICHTUNG

Title (fr)

PROCÉDÉS DE REVÊTEMENT PAR PULVÉRISATION AU GAZ FROID ET COMPOSITIONS

Publication

EP 3314037 A4 20190130 (EN)

Application

EP 15897313 A 20150629

Priority

US 2015038320 W 20150629

Abstract (en)

[origin: WO2017003427A1] Cold gas spray coating methods, compositions and articles. A cold gas spray method is described including spraying a composition containing at least one nickel or iron based material blended with a softer, shear-deformable, secondary phase metal and/or metal alloy, onto a surface to deposit a dense, porous coating. The compositions used in and articles produced by such methods are also described.

IPC 8 full level

C23C 24/04 (2006.01); **B22F 1/148** (2022.01)

CPC (source: EP US)

C22C 1/0433 (2013.01 - EP US); **C22C 19/055** (2013.01 - EP US); **C22C 19/056** (2013.01 - EP US); **C22C 33/02** (2013.01 - EP US); **C22C 38/00** (2013.01 - EP US); **C23C 24/04** (2013.01 - EP US); **B22F 1/148** (2022.01 - EP US); **B22F 9/026** (2013.01 - US); **B22F 2009/041** (2013.01 - US); **B22F 2998/10** (2013.01 - EP US); **C22C 19/07** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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