

Title (en)
METHOD FOR THERMALLY COATING SURFACES

Publication
EP 0263469 B1 19890524 (DE)

Application
EP 87114518 A 19871005

Priority
DE 3634153 A 19861007

Abstract (en)
[origin: EP0263469A1] 1. A process for the thermal coating of surfaces of work-pieces (1) with a jet (3) comprising a heated gas and a liquefied material whilst simultaneously cooling the surfaces with a cooling jet (6) which contains carbon dioxide and is produced in a nozzle (7), the carbon dioxide being supplied to the nozzle opening in liquid form, characterized in that a further medium having a lower molecular weight than carbon dioxide is admixed with the carbon dioxide prior to or at the time of its exit from the nozzle opening.

IPC 1-7
B05D 1/08; **C03C 17/02**; **C23C 4/00**; **C23D 5/00**

IPC 8 full level
B05D 1/08 (2006.01); **C03C 17/02** (2006.01); **C23C 4/00** (2006.01); **C23C 4/129** (2016.01); **C23D 5/00** (2006.01); **B05D 3/04** (2006.01)

CPC (source: EP)
B05D 1/08 (2013.01); **C23C 4/129** (2016.01); **B05D 3/048** (2013.01)

Cited by
EP0612858A3; DE4204896A1; EP0479678A1; CN110513044A; EP0360482A1; US5045365A; DE3844290C1; EP0375914A1; FR2808808A1; EP2574408A1

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