

Title (en)
Heat transfer surface.

Title (de)
Wärmeaustauschfläche.

Title (fr)
Surface d'échange de chaleur.

Publication
EP 0303493 A1 19890215 (EN)

Application
EP 88307468 A 19880811

Priority
GB 8719350 A 19870814

Abstract (en)
A heat transfer surface for boiling a liquefied gas formed by spraying a particulate mixture of metal and a plastic material onto a thermally conductive surface to form a coating comprising particles of plastic embedded in metal and heating to a temperature sufficient to volatilize the plastic material thereby forming pores in the metal coating.

IPC 1-7
F28F 13/18; C23C 4/04; C23C 4/18

IPC 8 full level
F28F 3/00 (2006.01); **C23C 4/04** (2006.01); **C23C 4/18** (2006.01); **F28F 13/02** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP)
C23C 4/04 (2013.01); **C23C 4/18** (2013.01); **F28F 13/187** (2013.01)

Citation (search report)
• [X] DE 2227747 A1 19730111 - UNIVERSAL OIL PROD CO
• [Y] FR 2299611 A1 19760827 - GATES RUBBER CO [US]
• [Y] US 3523577 A 19700811 - MILTON ROBERT M
• [Y] GB 2152079 A 19850731 - UNITED TECHNOLOGIES CORP
• [Y] US 3723165 A 19730327 - LONGO F, et al

Cited by
US6916430B1; KR20030048921A; DE19523208A1; EP1857764A3; EP0897019A1; US6051279A; FR2656002A1; EP0679462A1; GB2241249A; FR2865027A1; US8991480B2; WO2004109211A1; US7677300B2; JP2006529023A

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0303493 A1 19890215; AU 2097288 A 19890216; AU 613070 B2 19910725; GB 8719350 D0 19870923; JP H01222198 A 19890905;
ZA 885746 B 19890426

DOCDB simple family (application)
EP 88307468 A 19880811; AU 2097288 A 19880812; GB 8719350 A 19870814; JP 20305488 A 19880815; ZA 885746 A 19880804