

Title (en)  
Slit coating head

Title (de)  
Auftragskopf

Title (fr)  
Tête d'application

Publication  
**EP 2149399 A1 20100203 (EN)**

Application  
**EP 09166926 A 20090731**

Priority  
IT TO20080601 A 20080731

Abstract (en)  
A jet coating head has at least one body (11, 12) defining an inner chamber (5), which communicates with a coating liquid inlet and is elongated along a longitudinal axis (31) to distribute the coating liquid axially; the jet coating head has two lips (13, 14) defining a longitudinal slit (17), which connects the inner chamber (5) to the outside to dispense the coating liquid in use; the at least one body (11, 12) of the jet coating head comprises a body shell (18, 19) comprising a first composite material with a polymeric matrix and a body core (20, 21) encased completely in the body shell (18,19).

IPC 8 full level  
**B05C 5/02** (2006.01); **D21H 23/00** (2006.01)

CPC (source: EP)  
**B05C 5/0254** (2013.01)

Citation (applicant)  
EP 0403845 A2 19901227 - MITSUBISHI HEAVY IND LTD [JP]

Citation (search report)  
• [A] US 2001008118 A1 20010719 - BERNERT RICHARD [DE], et al  
• [A] US 6319316 B1 20011120 - GIBSON GREGORY M [US], et al  
• [AP] WO 2008141820 A1 20081127 - FMP TECHNOLOGY GMBH [DE], et al

Cited by  
CN113118006A; EP4245424A4; JP2013208511A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2149399 A1 20100203**; CN 101648176 A 20100217; IT 1393989 B1 20120517; IT TO20080601 A1 20100201

DOCDB simple family (application)  
**EP 09166926 A 20090731**; CN 200910165339 A 20090731; IT TO20080601 A 20080731