

Title (en)
SPRAY HEAD FOR LIQUIDS

Publication
EP 0345666 A3 19901024 (DE)

Application
EP 89110046 A 19890602

Priority
DE 3819866 A 19880610

Abstract (en)
[origin: EP0345666A2] In a spray head for spraying liquids, in particular adhesives, such as melting adhesives or lacquers, having at least one feed channel for the liquid, having at least one feed channel for a gas stream, and having an outlet orifice for the liquid/gas mixture, the feed channel or every heat channel respectively for the liquid ends in a first, longitudinally extended intermediate chamber; the feed channel or every feed channel respectively for the gas stream ends in a second, longitudinally extended intermediate chamber; the two longitudinally extended intermediate chambers are connected via retention chambers which taper in the direction of transport, in which chambers the gas and the liquid are strongly accelerated, to a common slot-shaped nozzle gap. <IMAGE>

IPC 1-7
B05B 7/04

IPC 8 full level
B05B 7/02 (2006.01); **B05B 7/04** (2006.01); **B05B 7/16** (2006.01); **B05B 7/24** (2006.01)

CPC (source: EP)
B05B 7/025 (2013.01); **B05B 7/0483** (2013.01)

Citation (search report)
• [X] FR 2288068 A1 19760514 - BOUSSOIS SA [FR]
• [A] GB 2081606 A 19820224 - SPRAYING SYSTEMS CO
• [AD] DE 3543469 A1 19870611 - CLAASSEN HENNING J
• [A] GB 560190 A 19440323 - THOMAS SCOTT SUTHERLAND

Cited by
US5409733A; US5423935A; US5683036A

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

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