

Title (en)  
PLURAL COMPONENT MATERIAL MIXER

Title (de)  
MISCHER

Title (fr)  
MELANGEUR DE PLUSIEURS MATIERES

Publication  
**EP 1212142 A4 20050720 (EN)**

Application  
**EP 00965000 A 20000914**

Priority  
• US 0025174 W 20000914  
• US 15425299 P 19990916

Abstract (en)  
[origin: WO0119526A1] A conventional airless tip (18) is located in line in the fluid line (20) immediately down stream of the static mixer (16) in a plural components metering and mixing system (12). A pressure drop of 10-30 bar across the spray tip (18) provides enhanced mixing for aqueous and other hard-to-mix plural component materials.

IPC 1-7  
**B05B 5/00**; **B05B 7/32**

IPC 8 full level  
**B05B 7/26** (2006.01); **B01F 3/08** (2006.01); **B01F 5/00** (2006.01); **B05B 7/32** (2006.01); **B29B 7/04** (2006.01); **B29B 7/22** (2006.01)

CPC (source: EP KR)  
**B05B 5/00** (2013.01 - KR); **B05B 7/24** (2013.01 - KR); **B05B 7/32** (2013.01 - EP); **B05B 12/1418** (2013.01 - EP)

Citation (search report)  
• [X] US 5887975 A 19990330 - MORDAUNT KANE M [US], et al  
• [X] PATENT ABSTRACTS OF JAPAN vol. 004, no. 053 (M - 008) 19 April 1980 (1980-04-19)  
• See references of WO 0119526A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 0119526 A1 20010322**; AU 7579700 A 20010417; DE 60034798 D1 20070621; DE 60034798 T2 20071018; EP 1212142 A1 20020612; EP 1212142 A4 20050720; EP 1212142 B1 20070509; ES 2284527 T3 20071116; JP 2004503352 A 20040205; KR 100685332 B1 20070222; KR 20020033806 A 20020507

DOCDB simple family (application)  
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