

Title (en)  
PAINT MIXING PROCESS AND APPARATUS FOR CARRYING OUT THIS PROCESS

Publication  
**EP 0104395 B1 19870729 (DE)**

Application  
**EP 83108024 A 19830813**

Priority  
DE 3232088 A 19820828

Abstract (en)  
[origin: EP0104395A2] 1. A method of blending a plurality of components of a colouring liquid and for atomising the same and also possibly for electrostatically charging the particles of atomised liquid, wherein the components are fed separately to a collecting location which has a fixed spatial relationship to the atomising location and in which the collected components are homogeneously blended before they reach the atomising location as a mixture, characterised in that the components are heterogeneously blended at the collecting location without the admixture of air, the mixture being, between the collecting location and the atomising location, gradually converted to a mixture which is atomised under the influence of the centrifugal forces which are generated.

IPC 1-7  
**B05B 7/04**; **B05B 5/04**; **B05B 12/14**

IPC 8 full level  
**B05B 5/04** (2006.01); **B05B 5/16** (2006.01); **B05B 7/04** (2006.01); **B05B 12/14** (2006.01); **B05D 1/04** (2006.01)

CPC (source: EP)  
**B05B 5/04** (2013.01); **B05B 5/16** (2013.01); **B05B 12/14** (2013.01); **B05D 1/04** (2013.01)

Cited by  
US9539594B2; EP1473088A1; EP0201683A1; US2015122915A1; US6929823B2; WO2011138028A1; EP2566628B1

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

DOCDB simple family (publication)  
**DE 3232088 A1 19840301**; DE 3372719 D1 19870903; EP 0104395 A2 19840404; EP 0104395 A3 19850522; EP 0104395 B1 19870729; ES 525177 A0 19841001; ES 525867 A0 19840601; ES 8404879 A1 19840601; ES 8407407 A1 19841001

DOCDB simple family (application)  
**DE 3232088 A 19820828**; DE 3372719 T 19830813; EP 83108024 A 19830813; ES 525177 A 19830826; ES 525867 A 19830923