Title (en)
PROCESS AND DEVICE FOR TRANSPORTING COLOURING POWDERS FROM BATCHING DEVICES TO DISSOLVING DEVICES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM TRANSPORTIEREN PULVERFÖRMIGER FARBSTOFFE VON DOSIERVORRICHTUNGEN ZU LÖSEVORRICHTUNGEN

Title (fr)
PROCEDE ET DISPOSITIF DE TRANSPORT DE POUDRES COLORANTES DEPUIS DES DISPOSITIFS DE MISE EN LOTS VERS DES DISPOSITIFS DE DISSOLUTION

Publication
EP 1165874 B1 20030618 (EN)

Application
EP 99956309 A 19991102

Priority
• IT 9900349 W 19991102
• IT TO990249 A 19990331

Abstract (en)
[origin: WO0058543A1] A process and a system are disclosed for transporting and/or dissolving coloring powders from batching devices (11) to dissolving devices (51), these process and system performing the steps of: collecting coloring powders from the batching devices (11); vacuum sucking the batched coloring powders; and vacuum transporting the sucked coloring powders to the dissolving devices (51). Further steps are provided for air blowing against coloring powders residuals after the sucking and transporting steps, to collect the residuals and afterwards suck them and vacuum transport them. Steps are further provided for cleaning the vessels (3) comprising washing, sucking and transporting the liquid to the dissolving devices (51) or to external discharge means.

IPC 1-7
D06B 23/20

IPC 8 full level
B01F 3/12 (2006.01); **D06B 23/20** (2006.01); B01F 1/00 (2006.01)

CPC (source: EP KR)
B01F 21/00 (2022.01 - KR); **B01F 23/56** (2022.01 - EP KR); **B01F 23/59** (2022.01 - EP KR); **D06B 23/205** (2013.01 - EP KR); B01F 21/00 (2022.01 - EP); B01F 2101/30 (2022.01 - EP KR)

Cited by
IT202100016139A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0058543 A1 20001005; AT E243274 T1 20030715; AU 1293900 A 20001016; DE 69908983 D1 20030724; EP 1165874 A1 20020102; EP 1165874 B1 20030618; ES 2201803 T3 20040316; IT 1307229 B1 20011030; IT TO990249 A1 20001001; KR 20020003229 A 20020110

DOCDB simple family (application)
IT 9900349 W 19991102; AT 99956309 T 19991102; AU 1293900 A 19991102; DE 69908983 T 19991102; EP 99956309 A 19991102; ES 99956309 T 19991102; IT TO990249 A 19990331; KR 20017012553 A 20010929