

Title (en)
DEVICE FOR TREATING COMPOSITE ELEMENTS

Title (de)
VORRICHTUNG ZUM BEHANDELN VON VERBUNDELEMENTEN

Title (fr)
DISPOSITIF POUR LE TRAITEMENT D'ELEMENTS COMPOSITES

Publication
EP 1146965 A1 20011024 (DE)

Application
EP 00902596 A 20000115

Priority

- DE 29900883 U 19990120
- DE 29904008 U 19990305
- EP 0000302 W 20000115

Abstract (en)
[origin: WO0043126A1] The invention relates to a device (10) for treating composite elements made of solid organic and/or inorganic composite materials. Said device (10) contains a flow path situated between a feed channel (34) and a tube-like outlet (38, 38a) in a housing. Said flow path is used for a transport fluid which is produced by disintegrating the composite materials and which carries particles made of solid matter. A conveyor element (78) is allocated to the cross section of the tube-like outlet. Said conveyor element (78) contains plate-like surface agents (76) which extend in the direction of the flow. A grid element or sieve element (86) which extends at least partially through said cross section is also allocated to said cross section. Plates (76) which are configured as surface agents protrude radially and parallel in relation to the longitudinal axis of a shaft from the shaft (74) that extends in the direction of flow and is pivotably mounted. Said plates are adjusted to the longitudinal section of the interior (84) of a tube-like housing (72) and can be pivoted like paddles in said interior.

IPC 1-7
B02C 23/16; **B02C 13/286**; **B02C 13/18**

IPC 8 full level
B02C 13/18 (2006.01); **B02C 13/286** (2006.01); **B02C 23/16** (2006.01)

CPC (source: EP)
B02C 13/18 (2013.01); **B02C 13/286** (2013.01); **B02C 23/16** (2013.01); **B02C 2013/145** (2013.01)

Citation (search report)
See references of WO 0043126A1

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 0043126 A1 20000727; AT E249281 T1 20030915; AU 2437500 A 20000807; AU 763186 B2 20030717; DE 19925078 A1 20000803; DE 29904008 U1 19990602; DE 50003631 D1 20031016; EP 1146965 A1 20011024; EP 1146965 B1 20030910; ES 2206186 T3 20040516; HK 1043334 A1 20020913; HK 1043334 B 20031224; PT 1146965 E 20040130; ZA 200106874 B 20021008

DOCDB simple family (application)
EP 0000302 W 20000115; AT 00902596 T 20000115; AU 2437500 A 20000115; DE 19925078 A 19990601; DE 29904008 U 19990305; DE 50003631 T 20000115; EP 00902596 A 20000115; ES 00902596 T 20000115; HK 02103073 A 20020424; PT 00902596 T 20000115; ZA 200106874 A 20010820