

Title (en)  
MIXER-CONVEYOR

Title (de)  
MISCH- UND FÖRDERGERÄT

Title (fr)  
MELANGEUR-CONVOYEUR

Publication  
**EP 0662875 B1 19971210 (DE)**

Application  
**EP 93921847 A 19930924**

Priority  
• DE 4233160 A 19921002  
• DE 4301474 A 19930121  
• EP 9302593 W 19930924

Abstract (en)  
[origin: WO9407667A1] A pneumatic conveyor for thick materials, such as mortar or cement, has a mixing tank (1) with a motor-driven mixing unit (2), a transport duct (24) connected to the mixing tank (1) next to its bottom, a lower air duct (14) and an upper air duct (15) which can both be charged with compressed air by means of a compressor (8, 11, 12). The upper air duct (15) opens into the upper area of the tank, whereas the lower air duct (14) opens at an injection spot into the transport duct (24). In order to make the apparatus easier to handle, to avoid operating errors and stoppers in the transport duct (24), and to reduce the actual transport time, the injection air supplied by the lower air duct (14) is turned on only when a predetermined minimum resistance is ascertained in the transport duct (24), whereas the compressed air supply to the tank (1) is blocked when a preset maximum resistance is reached in the transport duct.

IPC 1-7  
**B28C 5/12**

IPC 8 full level  
**B28C 5/12** (2006.01)

CPC (source: EP)  
**B28C 5/123** (2013.01)

Cited by  
CN103878881A

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

DOCDB simple family (publication)  
**WO 9407667 A1 19940414**; AT E160967 T1 19971215; AU 5122293 A 19940426; CZ 287601 B6 20010117; CZ 72495 A3 19950913; EP 0662875 A1 19950719; EP 0662875 B1 19971210; ES 2111182 T3 19980301; PL 172465 B1 19970930; PL 308210 A1 19950724; SK 279890 B6 19990507; SK 42695 A3 19950809

DOCDB simple family (application)  
**EP 9302593 W 19930924**; AT 93921847 T 19930924; AU 5122293 A 19930924; CZ 72495 A 19930924; EP 93921847 A 19930924; ES 93921847 T 19930924; PL 30821093 A 19930924; SK 42695 A 19930924