

Title (en)  
Mixing tube for gunned concrete

Title (de)  
Nachmischrohr für Spritzbeton

Title (fr)  
Tube de mélange pour la gunite

Publication  
**EP 1559524 A3 20051207 (DE)**

Application  
**EP 05000200 A 20050107**

Priority  
DE 202004000656 U 20040117

Abstract (en)  
[origin: EP1559524A2] A dry mixture of concrete and aggregates is mixed with water prior to bulk injection by tube or pipe to a structure. The mixing action of water to dry components is supplemented in a secondary mixing assembly which is a pipe (1) containing a rising V-shaped plane, translating through a saddle to a descending through a V-shaped plane.

IPC 1-7  
**B28C 5/02**; **B01F 5/06**; **B01F 3/12**

IPC 8 full level  
**B01F 3/12** (2006.01); **B01F 5/04** (2006.01); **B01F 5/06** (2006.01); **B28C 5/02** (2006.01); **B28C 5/08** (2006.01); **B28C 7/12** (2006.01)

CPC (source: EP)  
**B01F 23/54** (2022.01); **B01F 25/3141** (2022.01); **B01F 25/3142** (2022.01); **B01F 25/31423** (2022.01); **B01F 25/433** (2022.01); **B01F 25/4332** (2022.01); **B28C 5/02** (2013.01); **B28C 5/0862** (2013.01); **B28C 7/12** (2013.01); **B01F 23/50** (2022.01)

Citation (search report)

- [AD] DE 20106434 U1 20011025 - SCHULLER HANS [DE], et al
- [A] US 4390281 A 19830628 - SCRIMINGER WILLIAM F
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

Cited by  
DE202010005526U1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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