

Title (en)  
Improved delivery compensation unit.

Title (de)  
Verbesserte Förderausgleichseinheit

Title (fr)  
Unité de compensation d'alimentation améliorée

Publication  
**EP 2042730 A3 20101103 (EN)**

Application  
**EP 08164843 A 20080923**

Priority  
IT VI20070261 A 20070928

Abstract (en)  
[origin: EP2042730A2] The invention is a delivery compensation unit for plaster sprayers comprising a frame (3) that supports a tank (4) containing the plaster (I) to be sprayed; a pumping unit (6) for conveying the plaster (I) through suction from the tank (4) to a suction chamber (6a) and through compression from the suction chamber (6a) to a compression chamber (6b); an outlet pipe (7) connecting the compression chamber (6b) to a spray gun; ball valve means (13a, 13b) for placing the tank (4) in communication with the suction chamber (6a) and the suction chamber (6a) with the compression chamber (6b). A cylindrical container (19) closed at one end by a bottom (20) defines a compensation chamber (22) having an inlet mouth (21) connected to the chamber provided with a sliding plunger (23) and elastic mechanical means (24) interposed between the plunger (22) and the bottom (20).

IPC 8 full level  
**F04B 11/00** (2006.01); **B28C 7/16** (2006.01)

CPC (source: EP)  
**B28C 7/163** (2013.01); **F04B 11/00** (2013.01); **F04B 15/02** (2013.01)

Citation (search report)  
• [X] US 2980343 A 19610418 - HAYS CHARLES E  
• [Y] FR 1447478 A 19660729 - TURBOSOL A I SRL  
• [Y] GB 891635 A 19620314 - WILSON JOHN H  
• [A] EP 0726392 A1 19960814 - TURBOSOL PRODUZIONE SPA [IT]  
• [A] FR 2359632 A1 19780224 - DSO STROITELNA TECHNIKA [BG]  
• [A] FR 1588227 A 19700410  
• [A] US 3014624 A 19611226 - MINESABURO SHIMATANI, et al  
• [A] FR 2615439 A1 19881125 - TURBOSOL PRODUZIONE SPA [IT]

Cited by  
ITUA20162273A1; CN110181672A; ITAR20120003A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2042730 A2 20090401**; **EP 2042730 A3 20101103**; IT VI20070261 A1 20090329

DOCDB simple family (application)  
**EP 08164843 A 20080923**; IT VI20070261 A 20070928