

Title (en)

CONTROLLING READY MIXED CONCRETE SLUDGE WATER

Title (de)

WASSERREGELUNG FÜR FERTIGGEMISCHTEN BETONSCHLAMM

Title (fr)

TRAITEMENT CONTROLE DES BOUES DE BETON PRET A L'EMPLOI

Publication

EP 1303385 A4 20060802 (EN)

Application

EP 01953420 A 20010705

Priority

- JP 2000203445 A 20000705
- US 0121352 W 20010705

Abstract (en)

[origin: WO0206024A1] Method and system for concrete wash-out water re-use, wherein an apparatus such as a mixing truck (1) is washed out and sludge (2) water re-used. The invention comprises providing sensors (11), in a communication system connected with a control center (10), for determining amount of retarder (4) used and resulting sludge water/concentration. The data is analyzed such that overdoses or insufficient doses of retarder are minimized or prevented. Warnings or corrective signals can then be sent by the control center (10) if needed.

IPC 1-7

B28C 7/04; **B28C 5/00**; **B28C 5/46**; **G05B 15/00**; **G05B 17/00**

IPC 8 full level

B03B 9/06 (2006.01); **B08B 9/00** (2006.01); **B08B 9/08** (2006.01); **B28C 7/00** (2006.01); **B28C 7/02** (2006.01); **C02F 11/00** (2006.01)

CPC (source: EP)

B03B 9/063 (2013.01); **B08B 9/00** (2013.01); **B08B 9/08** (2013.01); **B28C 7/0007** (2013.01); **B28C 7/022** (2013.01); **C04B 22/0046** (2013.01); **C04B 40/0039** (2013.01); **Y02W 30/58** (2015.05)

Citation (search report)

- [YA] US 5695280 A 19971209 - BAKER DARRELL J [US], et al
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 02 26 February 1999 (1999-02-26)
- See references of WO 0206024A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0206024 A1 20020124; AU 2001275869 B2 20050106; AU 7586901 A 20020130; BR 0112161 A 20030513; BR 0112161 B1 20111129; CN 1250383 C 20060412; CN 1449323 A 20031015; EP 1303385 A1 20030423; EP 1303385 A4 20060802; JP 2002018828 A 20020122; MX PA03000027 A 20030714

DOCDB simple family (application)

US 0121352 W 20010705; AU 2001275869 A 20010705; AU 7586901 A 20010705; BR 0112161 A 20010705; CN 01814928 A 20010705; EP 01953420 A 20010705; JP 2000203445 A 20000705; MX PA03000027 A 20010705