

Title (en)

Means and process for automatic coloring of concrete.

Title (de)

Mittel und Verfahren zum selbsttätigen Färben von Beton.

Title (fr)

Moyens et procédé pour colorer automatiquement du béton.

Publication

**EP 0394785 A1 19901031 (EN)**

Application

**EP 90107133 A 19900413**

Priority

IT 4683189 A 19890426

Abstract (en)

A process for the coloring of concrete comprises an automatic programmable plant in which, from some microbatchers (2), the batches of coloring products are weighed with an electronic balance (5) which supports a conveyor belt (3) used to discharge said batches in a container (6) with mixer (7) with motor (8). In the container (6) the batches of colorants are prediluted in water then discharged in the concrete mixers in which the concrete mixed with the necessary aggregates is already present. A second batch of water, useful to complete the final mix of colored concrete, is subsequently discharged in the container (6), along the drain valve (12), the suction pump (13) and the channel (11) with the main object of washing the plant and preparing it for the following mixing operations, possibly different as regards batches and/or components.

IPC 1-7

**B28C 7/00**; **B28C 9/00**

IPC 8 full level

**B28C 7/00** (2006.01); **B28C 7/04** (2006.01); **B28C 9/00** (2006.01)

CPC (source: EP)

**B28C 7/0431** (2013.01); **B28C 9/002** (2013.01)

Citation (applicant)

- US 3994404 A 19761130 - KISOVEC JEAN-FRANCIS
- DE 3436813 C1 19860507 - ELBA WERK MASCHINEN GMBH & CO

Citation (search report)

- [Y] US 3994404 A 19761130 - KISOVEC JEAN-FRANCIS
- [A] DE 3436813 C1 19860507 - ELBA WERK MASCHINEN GMBH & CO
- [A] US 2719030 A 19550927 - PEARSON ALEXANDER S
- [A] DE 3127401 A1 19820311 - PACIFIC METALS CO LTD [JP]
- [A] US 4304493 A 19811208 - FRANKIE DONALD M
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 74 (C-273)[1797], 3rd April 1985; & JP-A-59 209 632 (SHINNIHON GIJUTSU CONSULTANT K.K.) 28-11-1984

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