

Title (en)

Apparatus for dosing fibre cut into a concrete mixture.

Title (de)

Vorrichtung für die Zugabe von Fasern zu einer Betonmischung.

Title (fr)

Installation pour doser de fibres coupées dans un mélange béton.

Publication

**EP 0499573 A1 19920819 (EN)**

Application

**EP 92610010 A 19920211**

Priority

DK 23591 A 19910212

Abstract (en)

An apparatus for adding to a concrete mixture a desired quantity of fibre cut e.g. of plastic. The apparatus comprises a concrete mixer (5), at least one hopper (6a-d) for storing a supply (15) of fibre cut, a dosing mechanism (11, 14) for taking out for each mixing cycle the desired quantity of fibre cut from the said supply (15), a conveyor (8; 27) for conveying the fibre cut to the concrete mixer (5), and a smoothing device (19a-b; 29) for distributing in the course thereof the quantity of fibre cut taken out evenly during the dry mixing. By the invention it is possible to obtain a far more even and more uniform distribution of plastic fibres in concrete than has been known before, whereby the material improving properties of the plastic fibres are optimally exploited. <IMAGE>

IPC 1-7

**B28B 1/52**; **B28C 5/40**

IPC 8 full level

**B01F 15/02** (2006.01); **B28C 5/40** (2006.01); **B28C 7/04** (2006.01)

CPC (source: EP)

**B01F 35/71731** (2022.01); **B28C 5/40** (2013.01); **B28C 7/0445** (2013.01)

Citation (search report)

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