

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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