

Title (en)

Apparatus for placing an additive

Title (de)

Vorrichtung zum Einbringen von Zusatzmaterial

Title (fr)

Dispositif pour introduire un matériau additif

Publication

EP 0903441 B1 20030618 (DE)

Application

EP 98117622 A 19980917

Priority

DE 29716935 U 19970920

Abstract (en)

[origin: EP0903441A2] The arrangement is in the form of a transfer vibrator (13) with a transfer pipe (28). A hopper (27) with charging opening (30) is connected at the bottom area, to a vertical transfer pipe with a lower outlet (33). The vibrator mechanism (29) is housed in the bottom part of the pipe. Inside the pipe, a loosening rod (36) moves periodically in the lengthwise direction. The rod may extend from the hopper to the top end of the vibrator mechanism, and protruding transverse spikes (37) or hooks can be mounted on it. It can be actuated directly by a double-acting ram (35) or by a rotary crankshaft. Its bottom end can work in a lengthwise guide (38).

IPC 1-7

E02D 3/12; **E02D 3/10**

IPC 8 full level

E02D 3/10 (2006.01); **E02D 3/12** (2006.01)

CPC (source: EP)

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