

Title (en)
Water/sand mixture feeding device.

Title (de)
Wasser/Sand-Dosiergerät.

Title (fr)
Dispositif de dosage de sable/eau.

Publication
EP 0514945 B1 19941109 (DE)

Application
EP 92108726 A 19920523

Priority
• DE 9106342 U 19910523
• DE 9115752 U 19911219

Abstract (en)
[origin: EP0514945A1] 1. Water/sand mixture feeding device having a pressure vessel (10) which receives water and sand and is sealed off in an airtight manner, a device (12) for introducing sand into the pressure vessel (10), a device for feeding water into the pressure vessel (10) and an outlet (16) for allowing a sand/water mixture to be discharged from the pressure vessel (10), in which arrangement the device for feeding water into the pressure vessel (10) has an adjustable three-way valve (22), an adjustable pressure reducer (34), arranged in the feed of the said three-way valve, a first water supply line (24), leaving from the three-way valve (22) and opening out in the upper region of the pressure vessel (10), and a second water supply line (26), leaving from the three-way valve (22) and opening out in the region of the outlet (16) of the pressure vessel (10), the said outlet being designed as a mixing chamber. <IMAGE>

IPC 1-7
B24C 7/00

IPC 8 full level
B24C 7/00 (2006.01)

CPC (source: EP)
B24C 7/0007 (2013.01); **B24C 7/0023** (2013.01); **B24C 7/003** (2013.01)

Cited by
US11511392B2; CN105619264A; EP1199136A1; CN107018653A; EP3215314A4; DE19650171C1; CN110709209A; US10245702B2; US6857944B2; WO2005039825A1; WO2018197018A1; WO2018177559A1

Designated contracting state (EPC)
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