



(12) **United States Patent**  
**Fügel et al.**

(10) **Patent No.:** **US 9,410,334 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **MOBILE CONCRETE PUMP WITH DISTRIBUTING BOOM AND SUPPORT DEVICE**

USPC ..... 280/763.1, 764.1, 765.1, 766.1  
See application file for complete search history.

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/879,839**

(22) Filed: **Oct. 9, 2015**

(65) **Prior Publication Data**

US 2016/0032602 A1 Feb. 4, 2016

**Related U.S. Application Data**

(63) Continuation of application No. PCT/EP2014/053777, filed on Feb. 27, 2014.

(30) **Foreign Application Priority Data**

Apr. 11, 2013 (DE) ..... 10 2013 206 366

(51) **Int. Cl.**  
**E04G 21/04** (2006.01)  
**B66C 23/80** (2006.01)  
**B60S 9/02** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **E04G 21/0445** (2013.01); **B60S 9/02** (2013.01); **B66C 23/80** (2013.01); **E04G 21/0436** (2013.01)

(58) **Field of Classification Search**  
CPC ..... B66C 23/78; B66C 23/80; E04G 21/04; E04G 21/0436; E04G 21/0445; B60S 9/02

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(57) **ABSTRACT**

A mobile concrete pump with a support structure, which can be placed on a vehicle frame of a truck chassis, for receiving functional units which form a support device and a distributing boom. The functional unit which forms the distributing boom has a rotary head mounted on a boom pedestal in a rotatable manner about a vertical axis, the boom pedestal being secured to the support structure, and the boom pedestal comprises a tank which engages into the support structure and is provided as a rotary bearing for the rotary head. Each functional unit which forms the support device has a support leg mounted in a bearing in a pivotal and/or telescopic manner, the bearing being secured to the support structure. A tank wall of the tank tapering from the top to the bottom in a truncated cone-like manner or in a truncated pyramid-like manner in the cross section, engages into the support structure and is rigidly secured, preferably welded, into the support structure.

**8 Claims, 3 Drawing Sheets**

