

Title (en)  
CONCRETE PUMPING DEVICE

Title (de)  
VORRICHTUNG ZUM PUMPEN VON BETON

Title (fr)  
DISPOSITIF DE POMPAGE DE BETON

Publication  
**EP 0738362 A1 19961023 (DE)**

Application  
**EP 95938438 A 19951108**

Priority  
• DE 4439930 A 19941108  
• EP 9504400 W 19951108

Abstract (en)  
[origin: DE4439930A1] A concrete pumping device has a bearing arm that is cantilevered in its working position and that positions the end (11) of a pumping line (5). The bearing arm (8) has segments (6) that bear each at least one of the pipe segments (4) that compose the pumping line (5). In order to increase the achievable pumping height, at least one of the bearing arm segments (12) may be telescopically extended and can move from a nested initial position into at least one extended position in which the extensible bearing arm segment (12) is longer than the associated pipe segment. At least one device (17) for supplying at least one additional pipe segment (16) can be moved from a first position in which the additional pipe segment (16) is located away from the volume occupied by the pipe segments (4) into a second position in which at least one end section (20) of the additional pipe segment (16) is aligned with at least one end section (21) of a pipe segment (4). The pumping line (15) is essentially made up of the pipe segments (4) and the additional pipe segment (16).

IPC 1-7  
**E04G 21/04**

IPC 8 full level  
**E04G 21/04** (2006.01)

CPC (source: EP KR US)  
**E04G 21/04** (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP KR US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/8807** (2015.04 - EP US)

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See references of WO 9614485A1

Designated contracting state (EPC)  
IT

DOCDB simple family (publication)  
**DE 4439930 A1 19960509**; **DE 4439930 C2 19961010**; CN 1133786 C 20040107; CN 1140480 A 19970115; EP 0738362 A1 19961023; EP 0738362 B1 20000419; JP 3809187 B2 20060816; JP H09507888 A 19970812; KR 970700271 A 19970108; US 5913323 A 19990622; WO 9614485 A1 19960517

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