

Title (en)
SHAFT ARRANGEMENT

Title (de)
SCHACHTANORDNUNG

Title (fr)
DISPOSITIF DE PUIITS

Publication
EP 2438242 A2 20120411 (DE)

Application
EP 10718492 A 20100503

Priority
• EP 2010002668 W 20100503
• DE 102009019988 A 20090505
• DE 102009022425 A 20090522

Abstract (en)
[origin: WO2010127813A2] The invention relates to a shaft arrangement of a garden watering system which can accommodate a functional unit, such as a water tap connection. A cover closing an upper shaft opening can be displaced from the closed position into the open position and is at least partially recessed into the interior of the shaft housing when in the open position.

IPC 8 full level
E03B 7/09 (2006.01); **E02D 29/14** (2006.01); **E03B 9/10** (2006.01); **B05B 15/00** (2006.01)

CPC (source: EP)
E02D 29/14 (2013.01); **E03B 7/095** (2013.01); **E03B 9/10** (2013.01); **B05B 15/16** (2018.01)

Citation (search report)
See references of WO 2010127813A2

Cited by
EP4290114A1; CN107082329A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009022425 A1 20101111; EP 2438242 A2 20120411; EP 2438242 B1 20161214; EP 3165685 A1 20170510; EP 3165685 B1 20180620; ES 2617149 T3 20170615; PL 2438242 T3 20170630; PL 3165685 T3 20190329; WO 2010127813 A2 20101111; WO 2010127813 A3 20110224

DOCDB simple family (application)
DE 102009022425 A 20090522; EP 10718492 A 20100503; EP 16202693 A 20100503; EP 2010002668 W 20100503; ES 10718492 T 20100503; PL 10718492 T 20100503; PL 16202693 T 20100503