

Title (en)

FILLING CHIMNEY FOR DEEP VIBRATOR ARRANGEMENT, DEEP VIBRATOR ARRANGEMENT AND METHOD OF OPERATING A DEEP VIBRATOR ARRANGEMENT

Title (de)

FÜLLSCHACHT FÜR TIEFENRÜTTLER, TIEFENRÜTTLERANORDNUNG UND VERFAHREN ZUM BETRIEB EINER TIEFENRÜTTLERANORDNUNG

Title (fr)

CHEMINÉE DE REMPLISSAGE POUR AGENCEMENT DE VIBREUR PROFOND, AGENCEMENT DE VIBREUR PROFOND ET PROCÉDÉ DE FONCTIONNEMENT D'UN AGENCEMENT DE VIBREUR PROFOND

Publication

EP 3969669 A1 20220323 (EN)

Application

EP 20726789 A 20200515

Priority

- DE 102019112761 A 20190515
- EP 2020063677 W 20200515

Abstract (en)

[origin: WO202229679A1] One example relates to a filling chimney (11) configured to be coupled to a silo tube of a deep vibrator arrangement. The filling chimney (11) extends in a longitudinal direction (z) and includes an outer wall (111) surrounding an internal space (110), an elongated filling opening (112) formed in the outer wall (111) and extending in the longitudinal direction (z), and a shutter (12) arranged at the filling opening (112). The shutter (12) is configured to open in response to an external force (F) acting on the shutter (112) from an exterior of the filling chimney (11) so as to allow solid filling material to be fed into the internal space (110). Further, the shutter (12) is configured to close in response to the external force (F) being released.

IPC 8 full level

E02D 3/08 (2006.01)

CPC (source: EP)

E02D 3/08 (2013.01)

Citation (search report)

See references of WO 2020229679A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020229679 A1 20201119; CN 114072557 A 20220218; EP 3969669 A1 20220323; EP 3969669 B1 20230705

DOCDB simple family (application)

EP 2020063677 W 20200515; CN 202080048452 A 20200515; EP 20726789 A 20200515