

Title (en)  
SHUTTERING WITH SUPPORTING RING HAVING EXTENDABLE DRAWERS

Title (de)  
SCHALLUNG MIT TRAGRING MIT AUSFAHRBAREN SCHUBLADEN

Title (fr)  
COFFRAGE AVEC ANNEAU PORTEUR AVEC TIROIRS EXTRACTIBLES

Publication  
**EP 3880935 A1 20210922 (DE)**

Application  
**EP 19816536 A 20191113**

Priority  
• DE 102018128519 A 20181114  
• EP 2019081188 W 20191113

Abstract (en)  
[origin: CA3119895A1] The invention relates to a device (1) for producing a hollow-cylindrical concrete lining (50) on shaft walls (100) of vertical shafts (101), having at least one shuttering element (2) which is radially spaced from the shaft wall (100) and forms a concrete shuttering, a supporting ring (3) at the lower end of the shuttering element (2), and a sealing assembly (4) in the region of the supporting ring (3) to seal the concrete shuttering against the shaft wall (100), wherein the sealing assembly (4) is formed by a plurality of drawers (5, 5a, 5b) which can be extended radially against the shaft wall (100).

IPC 8 full level  
**E21D 5/04** (2006.01); **E21D 5/12** (2006.01)

CPC (source: EP US)  
**E21D 5/04** (2013.01 - EP US); **E21D 5/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2020099493A1

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)  
**DE 102018128519 B3 20200116**; CA 3119895 A1 20200522; EA 202191348 A1 20210901; EP 3880935 A1 20210922;  
US 11512591 B2 20221129; US 2022010679 A1 20220113; WO 2020099493 A1 20200522; ZA 202103246 B 20221026

DOCDB simple family (application)  
**DE 102018128519 A 20181114**; CA 3119895 A 20191113; EA 202191348 A 20191113; EP 19816536 A 20191113; EP 2019081188 W 20191113;  
US 201917293954 A 20191113; ZA 202103246 A 20210513