

Title (en)  
DRILLING MUD COLLECTION SYSTEM

Title (de)  
SYSTEM ZUM AUFFANGEN VON BOHRSCHLAMM

Title (fr)  
SYSTÈME DE RÉCUPÉRATION DES BOUES DE FORAGE

Publication  
**EP 4299876 A1 20240103 (DE)**

Application  
**EP 22182443 A 20220701**

Priority  
EP 22182443 A 20220701

Abstract (en)  
[origin: WO2024002716A1] The present invention relates to a system for collecting drilling mud which arises during operation of a core drilling machine, wherein the system comprises a collecting device as a functional unit, wherein the collection device can be fastened to a subsurface using a negative pressure, wherein the negative pressure can be generated by a vacuum pump which is a component of a drive unit of the system. The drive unit also comprises an energy storage unit for supplying the drive unit and its components with electrical power.

IPC 8 full level  
**E21B 21/01** (2006.01); **B28D 7/02** (2006.01)

CPC (source: EP)  
**B28D 7/02** (2013.01); **E21B 21/01** (2013.01)

Citation (search report)

- [X] US 3351143 A 19671107 - SEIBOLD ALVIN V, et al
- [X] US 4029160 A 19770614 - LEIDVIK GUSTAV MARTIN
- [X] EP 2853366 A1 20150401 - ROTTLER MANFRED [DE]
- [A] DE 3334752 A1 19850627 - HILTI AG [LI]
- [A] CH 705017 A1 20121130 - FIDAN ADNAN [DE]
- [A] DE 4423670 A1 19960104 - BANNWARTH EGON DIPL ING [DE]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4299876 A1 20240103**; WO 2024002716 A1 20240104

DOCDB simple family (application)  
**EP 22182443 A 20220701**; EP 2023066195 W 20230616