

Title (en)  
A core sampling apparatus

Title (de)  
Entnahmegerät für Bohrkern

Title (fr)  
Dispositif pour l'extraction de carottages

Publication  
**EP 2354438 B1 20130320 (EN)**

Application  
**EP 10196252 A 20101221**

Priority  
IT FI20090276 A 20091229

Abstract (en)  
[origin: EP2354438A1] A core sampling apparatus (1) comprises a core sampler (2) and a frame (3) adapted to support said sampler (2), said frame (3) comprising a base (3a), a first mobile portion (3c) of the frame (3) being linked to said base (3a) by way of a plurality of linear actuators (4) arranged thereon. The core sampling apparatus also comprises a second mobile portion (3d) adapted to support the sampler (2) and slidable with respect to the first mobile portion (3c) by way of a pulley and rope system (5a, 5b, 6a, 6b), in which said pulleys (5a, 5b) are connected to the first mobile portion (3c) and said ropes (6a, 6b) are respectively connected at an end to the upper and lower ends of the second mobile portion (3d) and at the opposite end to the fixed portion of the frame (3) winding around the pulleys (5a, 5b). Thanks to this configuration, the core sampling apparatus has a very small bulk in a vertical direction substantially facilitating transportation and movement operations.

IPC 8 full level  
**E21B 25/18** (2006.01)

CPC (source: EP)  
**E21B 7/124** (2013.01); **E21B 25/18** (2013.01)

Cited by  
CN110284837A; CN113063623A; WO2016053126A1; US11326413B2; JP2018185197A; CN110864931A; WO2021253655A1

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

DOCDB simple family (publication)  
**EP 2354438 A1 20110810; EP 2354438 B1 20130320; IT 1397151 B1 20130104; IT FI20090276 A1 20110630**

DOCDB simple family (application)  
**EP 10196252 A 20101221; IT FI20090276 A 20091229**