

Title (en)

Device for guiding bundles of parallel ropes, cables, or pipes according to a three-dimensional path in an earth-digging machine

Title (de)

Vorrichtung zur Führung von Bündeln aus parallelen Seilen, Kabeln oder Rohren entlang eines dreidimensionalen Pfades in einem Bagger

Title (fr)

Dispositif de guidage de grappes de cordes, câbles ou tuyaux parallèles selon un chemin tridimensionnel dans une foreuse

Publication

EP 2199470 A1 20100623 (EN)

Application

EP 08021976 A 20081218

Priority

EP 08021976 A 20081218

Abstract (en)

A device for guiding bundles of parallel ropes, cables, or pipes according to a three-dimensional (or non-planar) path in an earth-digging machine of the type in which provided downstream of the winder assembly (9) for the ropes are at least two sets (5, 7) of guiding sheaves; at least one (7) of the two sets is made up of sheaves of different diameters.

IPC 8 full level

B66C 13/18 (2006.01); **B66D 1/36** (2006.01); **B66D 3/08** (2006.01); **E02D 17/13** (2006.01); **E02F 3/20** (2006.01); **E02F 3/22** (2006.01); **E02F 3/58** (2006.01)

CPC (source: EP)

B66C 13/18 (2013.01); **B66D 3/08** (2013.01); **E02F 3/205** (2013.01); **E02F 3/22** (2013.01); **E02F 3/58** (2013.01)

Citation (applicant)

- EP 0843050 A1 19980520 - SOL COMP DU [FR]
- DE 10016021 A1 20011018 - LUEBECKER MASCHB GMBH [DE]

Citation (search report)

- [Y] DE 10016021 A1 20011018 - LUEBECKER MASCHB GMBH [DE]
- [YA] EP 0843050 A1 19980520 - SOL COMP DU [FR]
- [Y] DE 2462359 A1 19770113 - BAKER OIL TOOLS INC
- [Y] FR 2273751 A1 19760102 - POCLAIN SA [FR]
- [Y] FR 2391149 A1 19781215 - MOORE CORP LEE C [US]

Cited by

US10077175B2; WO2016000469A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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