

Title (en)

CUTTING DEVICE WITH CHANGEABLE CUTTING DEPTH

Title (de)

SCHNEIDVORRICHTUNG MIT VERÄNDERBARER SCHNITTTIEFE

Title (fr)

DISPOSITIF DE COUPE A PROFONDEUR DE COUPE MODULABLE

Publication

EP 1203124 A1 20020508 (DE)

Application

EP 00956345 A 20000728

Priority

- DE 29913982 U 19990811
- EP 0007319 W 20000728

Abstract (en)

[origin: WO0112904A1] The invention relates to a cutting device that is provided with a travelling mechanism (6, 7) and a cutting disc (1) that can be rotatably driven by a drive unit. The drive unit and the cutting disc (1) are arranged on a support frame (2). An undercarriage (4) is moveably fixed to the support frame (2). A relative position can be adjusted between the undercarriage (4) and the support frame (3) by means of an adjustment device. The adjustment device is provided with a coarse adjustment device (14 to 17) for adjusting at least two discrete relative positions and a fine adjustment device (18, 19, 20) which overlaps the effect of the coarse adjustment device in at least one of the discrete relative positions. Said fine adjustment device is used for adjusting any relative position in a determined area.

IPC 1-7

E01C 23/09; B28D 1/04

IPC 8 full level

B28D 1/04 (2006.01); **B28D 1/24** (2006.01); **E01C 23/09** (2006.01)

CPC (source: EP US)

B28D 1/045 (2013.01 - EP US); **E01C 23/0933** (2013.01 - EP US)

Citation (search report)

See references of WO 0112904A1

Designated contracting state (EPC)

CH DE ES IT LI SE

DOCDB simple family (publication)

DE 29913982 U1 19991007; DE 50012492 D1 20060518; EP 1203124 A1 20020508; EP 1203124 B1 20060329; ES 2258468 T3 20060901;
JP 2003507599 A 20030225; US 6637423 B1 20031028; WO 0112904 A1 20010222

DOCDB simple family (application)

DE 29913982 U 19990811; DE 50012492 T 20000728; EP 0007319 W 20000728; EP 00956345 A 20000728; ES 00956345 T 20000728;
JP 2001516983 A 20000728; US 4872902 A 20020130