

Title (en)

Apparatus for grading slabs of concrete and other aggregates

Title (de)

Glättvorrichtung für Platten aus Beton und anderen Aggregaten

Title (fr)

Appareil à dresser les dalles de béton et autres agrégats

Publication

**EP 1669516 A1 20060614 (FR)**

Application

**EP 05022744 A 20051019**

Priority

FR 0412984 A 20041206

Abstract (en)

The apparatus has a hawk (1) with three sides (4-6), and closed by caps presenting fillets (8, 8', 9, 9') connected to the respective sides (4, 5). Threaded inserts (12, 12') provided on the side (6) permit fixation of a detachable articulated device (2). The device has fixed and articulated pieces (17, 20) with toothed discs. The piece (20) has two sleeves (25, 25') to receive telescopic arms (3, 3') in work position.

IPC 8 full level

**E04G 21/10** (2006.01); **E04F 21/24** (2006.01)

CPC (source: EP)

**E04F 21/241** (2013.01); **E04G 21/10** (2013.01)

Citation (search report)

- [A] US 5727279 A 19980317 - PIKE JR ROBERT LEE [US]
- [A] US 3314341 A 19670418 - GOTTHILF SCHULIN, et al
- [A] US 3162881 A 19641229 - NEGWER WALTER G
- [A] US 1646649 A 19271025 - KRIEGL JOHN P
- [A] US 3302233 A 19670207 - MARTIN SEBASTIANI
- [A] FR 1247481 A 19601202

Cited by

CN104727559A; FR3087463A1; CN101845893A; EP2233640A3; US8182173B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1669516 A1 20060614**; **EP 1669516 B1 20070829**; AT E371786 T1 20070915; DE 602005002222 D1 20071011;  
DE 602005002222 T2 20080521; ES 2290837 T3 20080216; FR 2878878 A1 20060609; FR 2878878 B1 20070112; PT 1669516 E 20071205

DOCDB simple family (application)

**EP 05022744 A 20051019**; AT 05022744 T 20051019; DE 602005002222 T 20051019; ES 05022744 T 20051019; FR 0412984 A 20041206;  
PT 05022744 T 20051019