

Title (en)

Split key segmental retaining wall system

Title (de)

System von segmentförmiger Stützwand mit geteilter Feder

Title (fr)

Système de mur de retenue segmenté avec languette divisée

Publication

EP 1600563 A3 20090513 (EN)

Application

EP 05076174 A 20050519

Priority

CA 2469128 A 20040528

Abstract (en)

[origin: CA2469128A1] Disclosed is a segmental earth retaining wall block having a front side, a top side with a transversal tongue of a given width projecting from it, the tongue extending at a first distance from the front side, and a bottom side with a transversal groove made in it, the groove being sized to receive the tongue of another similar block positioned below and thus to allow stacking of the blocks. The groove extends at a second distance from the front side that is smaller than the first distance, and the first and second distances are selected so that the tongue and the groove 11 are offset with respect to each other over a distance that is smaller than the width of the tongue. Advantageously, the tongue is provided with a splitting groove sized and positioned to allow splitting of the tongue with a splitting tool along a transversal line that is positioned to permit the remaining portion of this tongue to fit into the groove of a further similar block stacked on top of the present block with the front side of this further similar block extending in a same vertical plane as the first side of the present block. As a result, one may stack the above mentioned blocks as such, the resulting wall being then battered, or one may stack the above mentioned blocks after having splitted their tongues, the resulting wall being then vertical.

IPC 8 full level

E02D 29/02 (2006.01); **E04C 1/39** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

E02D 29/025 (2013.01); **E04C 1/395** (2013.01); **E04B 2002/0208** (2013.01)

Citation (search report)

- [X] US 5816749 A 19981006 - BAILEY II JOSEPH S [US]
- [X] WO 9413890 A1 19940623 - GEOBLOCK INTERFACE [GB], et al
- [A] EP 1180561 A1 20020220 - FREYSSINET INT STUP [FR]
- [A] EP 0181230 A2 19860514 - CRIGHTON JOHN WATSON [GB], et al
- [E] US 2005274085 A1 20051215 - RISI ANGELO [CA]

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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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

CA 2469128 A1 20041112; CA 2469128 C 20051011; EP 1600563 A2 20051130; EP 1600563 A3 20090513

DOCDB simple family (application)

CA 2469128 A 20040528; EP 05076174 A 20050519