



New connection on: : 13-11-2020 : 01:51:20 - Last disconnection on: : 13-11-2020 : 01:51:01

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[EPODOC: SS 22] segment+ AND block AND wall AND masonry AND reinforc+ AND /ic (E02D)

Results in EPODOC 8

[SS 23] ..li



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PN - [US2020270836](#) A1 20200827
PR - US202016871262
20200511; US201816073952
20180730; WO2017US17002
20170208; US201662292441P
20160208
AP - [US202016871262](#) 20200511
DT - **
CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)
CCA - [E02D29/0241](#)
CI - E02D17/20 (US)
- E02D17/205 (EP, US)
- E02D29/02 (US)
- E02D29/025 (EP, US)
- E04B2/02 (US)
- E04C1/395 (EP, US)
CA - E02D29/0241 (EP, US)
PA - TENSAR INT CORPORATION [US]
TI - MULTI-ORIENTED **SEGMENTAL**
WALL BLOCKS, SOIL REINFORCING
SYSTEM, AND METHODS
AB - Multi-oriented **segmental wall**
blocks, soil **reinforcing** system,
and methods related thereto are
disclosed. The **wall block** may be
a concrete **masonry block** used for
constructing retaining walls.

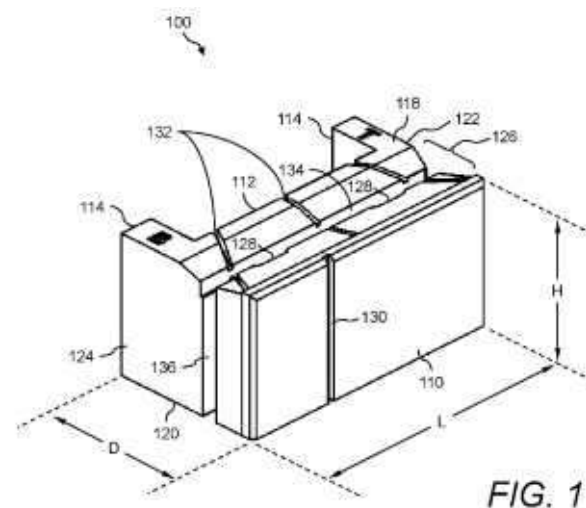


FIG. 1

The **wall block** may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the outer rear face, and between the troughed top face and the flat bottom face; a second side face opposing the first side face; a trough running along the length of the troughed top face

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PN - [MX2018009419](#) A 20181219

PR - US201662292441P
20160208; WO2017US17002
20170208

AP - [MX2018009419](#) 20170208

DT - I

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)

CI - E02D17/20 (US)
- E02D17/205 (EP, US)
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- E02D29/025 (EP, US)
- E04B2/02 (US)
- E04C1/395 (EP, US)

CA - E02D29/0241 (EP, US)

PA - TENSAR INT CORPORATION [US]

TI - MULTI-ORIENTED **SEGMENTAL WALL BLOCKS**, **SOIL REINFORCING SYSTEM**, AND METHODS.

AB - Multi-oriented **segmental wall blocks**, **soil reinforcing system**, and methods related thereto are disclosed. The **wall block** may be a concrete **masonry block** used for constructing retaining walls.

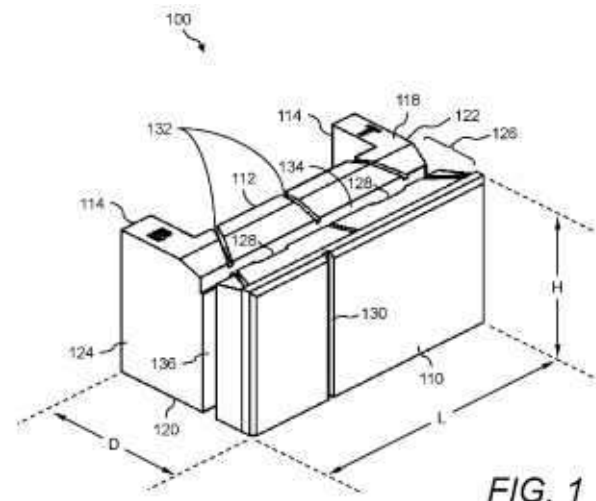


FIG. 1

The **wall block** may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the outer rear face, and between the troughed top face and the flat bottom face; a second side face opposing the first side face; a trough running along the length of the troughed top face.

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PN - [US2019040602](#) A1 20190207

PNFP - US10648147 B2 20200512

PR - US201716073952
20170208; US201662292441P
20160208; WO2017US17002
20170208

AP - [US201716073952](#) 20170208

DT - **

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)

CI - E02D17/20 (US)
- E02D17/205 (EP, US)
- E02D29/02 (US)
- E02D29/025 (EP, US)
- E04B2/02 (US)
- E04C1/395 (EP, US)

CA - E02D29/0241 (EP, US)

PA - (A1 B2)
TENSAR INT CORPORATION [US]

TI - (A1)
MULTI-ORIENTED **SEGMENTAL**
WALL BLOCKS, SOIL REINFORCING
SYSTEM, AND METHODS
- (B2)
Multi-oriented **segmental wall**

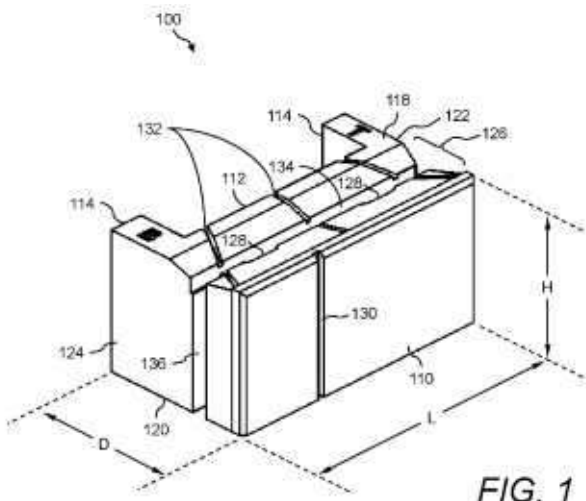


FIG. 1

blocks, soil **reinforcing** system,
and methods

AB

- (A1)

Multi-oriented **segmental wall** blocks, soil **reinforcing** system, and methods related thereto are disclosed. The **wall block** may be a concrete **masonry block** used for constructing retaining walls. The **wall block** may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the outer rear face, and between the troughed top face and the flat bottom face; a second side face opposing the first side face; a trough running along the length of the troughed top face

- (B2)

Multi-oriented **segmental wall** blocks, soil **reinforcing** system, and methods related thereto are disclosed. The **wall block** may be a concrete **masonry block** used for constructing retaining walls. The **wall block** may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the

outer rear face, and between the
troughed top face and the flat
bottom face; a second side face
opposing the first side face; a
trough running along the length
of the troughed top face.

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PN - [CN108603352](#) A 20180928

PR - US201662292441P
20160208; WO2017US17002
20170208

AP - [CN20178010270](#) 20170208

DT - I

CT - || STSE (A)
[US5480267](#) A 19960102 [A]
(HAGENAH GERHARD [DE])
[A] 1-28
* 说明书第3栏第1-29行, 附图1-3 *;
[KR20060121505](#) A 20061129 [A]
(LEE JEUNG SU [KR], et al)
[A] 1-28
* 全文 *;
[KR20070053922](#) A 20070528 [A]
(LIM JONG DUCK [KR])
[A] 1-28
* 全文 *;
[CN101372833](#) A 20090225 [A]
(WEIGUO CHENG [CN])
[A] 1-28
* 全文 *;
[CN101381994](#) A 20090311 [A]
(WEIGUO CHENG [CN])
[A] 1-28
* 全文 *;
[CN103603370](#) A 20140226 [A]
(HUANG LIANG, et al)
[A] 1-28
* 全文 *;
[CN104805863](#) A 20150729 [A] (UNIV
NORTHEASTERN)
[A] 1-28
* 全文 *

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)

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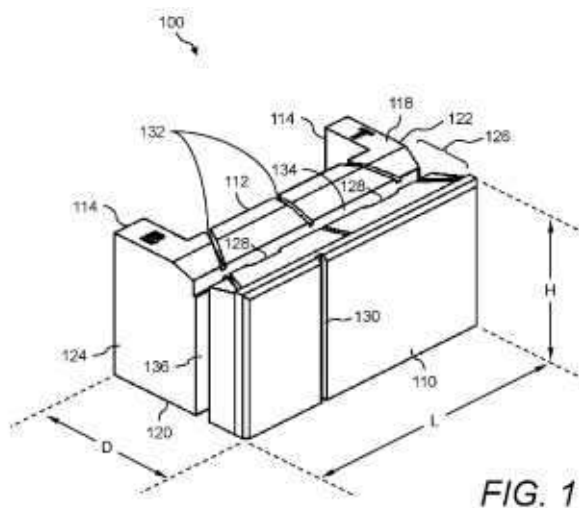


FIG. 1

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	- E04C1/395 (EP, US)
CA	- E02D29/0241 (EP, US)
PA	- TENSAR INT CORPORATION
TI	- Multi-oriented segmental wall blocks, soil reinforcing system, and methods
AB	- Multi-oriented segmental wall blocks, soil reinforcing system, and methods related thereto are disclosed. The wall block may be a concrete masonry block used for constructing retaining walls. The wallblock may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the outer rear face, and between the troughed top face and the flat bottom face; a second side face opposing the first side face; a trough running along the length of the troughed top face

PN - [AU2017217413](#) A1 20180802

PR - US201662292441P
20160208; WO2017US17002
20170208

AP - [AU20170217413](#) 20170208

DT - I

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)

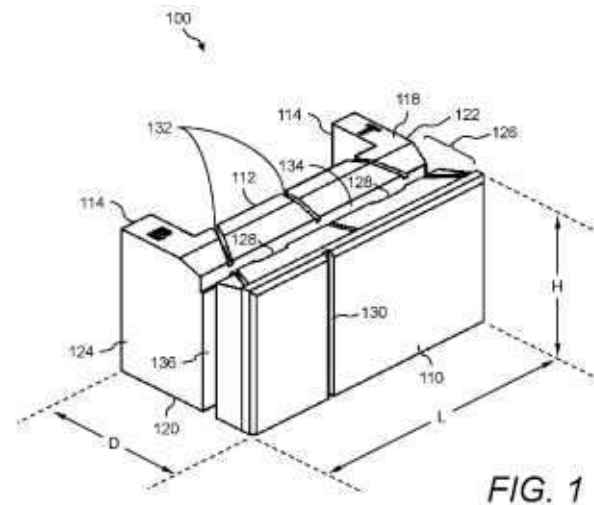
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- E04C1/395 (EP, US)

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blocks, soil **reinforcing** system,
and methods

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The **wall block** may include a front
face; a rear cavity opposing the
front 5 face and formed by an
inner rear face, an outer rear
face on three sides of the inner
rear face and spaced apart
therefrom, and a shelf defined
therein by the inner rear face
and the outer rear face; a
troughed top face residing
between the front face and the
outer rear face; a flat bottom
face opposing the troughed top
face; a first side face residing
between the front face and the
outer rear face, and between the
troughed top face and the flat
bottom face; a second side face
opposing the first side face; a
trough running along the length
of the troughed top face



PN - [CA3012357](#) A1 20170817

PR - US201662292441P
20160208; WO2017US17002
20170208

AP - [CA20173012357](#) 20170208

DT - I

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)

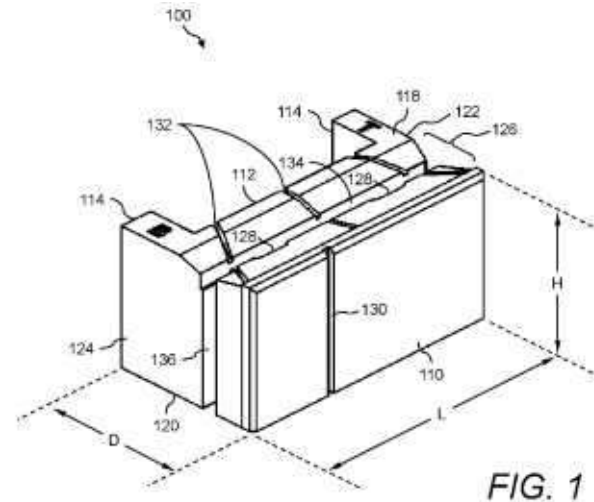
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- E02D29/02 (US)
- E02D29/025 (EP, US)
- E04B2/02 (US)
- E04C1/395 (EP, US)

CA - E02D29/0241 (EP, US)

PA - TENSAR INT CORPORATION [US]

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PN - [WO2017139369](#) A1 20170817

PR - US201662292441P 20160208

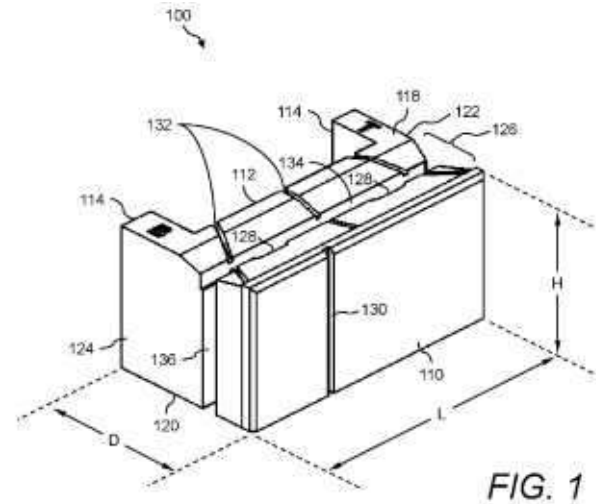
AP - [WO2017US17002](#) 20170208

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CT - |US| ISR (A1)
[US5480267](#) A 19960102 [XY]
 (HAGENAH GERHARD [DE])
 [X] 40, 44-46, 48, 49, 51, 52, 55, 56
 *; figures 1-3, 8-14; column 3, lines 1-15, 21-44; column 4, lines 21-67; column 5, lines 1-16, 54-60 *
 [Y] 41-43, 47, 50;
[US6062772](#) A 20000516 [Y] (PERKINS GARRY R [US])
 [Y] 41
 *; figures 1-3; column 5, lines 40-64
 *;
[US5709062](#) A 19980120 [Y]
 (WOOLFORD MICHAEL E [US])
 [Y] 42, 43
 *; figure 13; column 3, lines 52-65; column 6, lines 51-67; column 7, lines 1-33 *;
[US2009142145](#) A1 20090604 [Y]
 (MARTIN CHRISTOPHER [GB])
 [Y] 47
 *; figure 8; paragraphs 33, 36 *;
[US2011107707](#) A1 20110512 [Y]
 (MACDONALD ROBERT A [US], et al)
 [Y] 50
 *; figure 16; paragraph 69 *;
[US2005279046](#) A1 20051222 [A]
 (GRAVIER ROBERT A [US], et al)
 [A] 1-28, 53-54, 57
 *; figures 1-5; paragraphs 13-16 *;
[US2013025223](#) A1 20130131 [A]
 (WOOLBRIGHT MARK A [US])
 [A] 1-28, 53-54, 57
 *; figures 1-2; paragraphs 63-65, 79
 *;
[US2002030303](#) A1 20020314 [A]
 (MANTHEI BENJAMIN R [US], et al)
 [A] 1-28, 53-54, 57
 *; figures 3-6; paragraphs 25, 28 *;
[US5484235](#) A 19960116 [A]
 (HILFIKER WILLIAM K [US], et al)
 [A] 1-28, 40-57
 *; entire document *

CCI - [E02D17/205](#) ; [E02D29/025](#) ;
[E04C1/395](#)

CCA - [E02D29/0241](#)



CI	- E02D17/20 (US) - E02D17/205 (EP, US) - E02D29/02 (US) - E02D29/025 (EP, US) - E04B2/02 (US) - E04C1/395 (EP, US)
CA	- E02D29/0241 (EP, US)
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TI	- MULTI-ORIENTED SEGMENTAL WALL BLOCKS, SOIL REINFORCING SYSTEM, AND METHODS
AB	- Multi-oriented segmental wall blocks, soil reinforcing system, and methods related thereto are disclosed. The wall block may be a concrete masonry block used for constructing retaining walls. The wall block may include a front face; a rear cavity opposing the front face and formed by an inner rear face, an outer rear face on three sides of the inner rear face and spaced apart therefrom, and a shelf defined therein by the inner rear face and the outer rear face; a troughed top face residing between the front face and the outer rear face; a flat bottom face opposing the troughed top face; a first side face residing between the front face and the outer rear face, and between the troughed top face and the flat bottom face; a second side face opposing the first side face; a trough running along the length of the troughed top face

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PN	- CN101230580 A 20080730
PNFP	- CN100582385C C 20100120
PR	- CN20081006935 20080125
AP	- CN20081006935 20080125
DT	- I
PA	- (A) WEIGUO CHENG [CN] - (C) WEIGUO CHENG

TI

- (A C)

Wall surface dust **block**

AB

- (A C)

The invention discloses a **wall** surface earth retaining **block** which is a **masonry block** suitable for growing plants; the body of the earth retaining **block** is provided with a bottom plate and a side plate; the lateral surface of the **block** body is in a boat shape, the top surface thereof is T-shaped, the **block** body can be divided into a front part and a back part. The back part is of a backfilling zone which can be backfilled with the soil suitable for the growing of plants, thereby a plant growing channel is formed in an inverted filter behind a **wall** so as to provide a relative good environment for the development and the growth of plant roots; therefore, when a **reinforced segmental** earth retaining **wall** is applied to the projects of municipal work, water conservancy, road, and so on, the survival rate of the plants on a surface structure can be greatly raised, thereby the effect of virescence of the **wall** surface is more prominent.