

Search strategy

Query

((MODULE OR PANEL) AND BUILDING AND (UTILITY OR SERVICES) AND INSTALLATION AND U-SHAPE)/TI/AB/CLMS/DESC/ODES AND (E04B OR E04C)/IPC/CPC

7 Documents

Publication numbers	Title	Current assignees
EP1490560 A1	Building panel and construction method	PANELFORM SYSTEM ACN 111 226 594
EP2616602 A1	Forced air radiant heating utilicore and module and building incorporating same	URBANETICS
EP-565636 A1	Utility panel system	STEELCASE
EP-648304 A1	Building panel and buildings using the panel	BUILDING SOLUTIONS
EP1844200 A2	Prefabricated universal structural steel panel and panel system	NGUEN HANG T
EP1644593 A1	An improved beam	SMORGON STEEL LITESTEEL PRODUCTS
EP3017120 A1	Dry construction system for making partition walls, suspended ceilings or the like, carrier profile therefor, and use of this dry construction system	SAINT GOBAIN PLACO

Family 1/7 - FAMPAT - ©Questel

Title

(EP1490560)

Building panel and construction method

Publication numbers

CN100594276

JP4339695

IN2634/DELNP/2004

EP1490560

RU2304672

VN0006086

EG23522

NZ535324

IL163678

US20050204695

ZA200406855

CN1639430

MXPA04008457

JP2005519209

AU2003205439

RU2004129312

BR0308107

EP1490560

KR20040101252

AU2003205439

CA2497156

WO03/074804

AUPS084002

Publication dates

2010-03-17

2009-10-07

2009-10-02

2009-04-15

2007-08-20

2007-02-26

2006-03-22

2005-12-23

2005-12-18

2005-09-22

2005-09-20

2005-07-13

2005-07-13

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2005-01-04

2004-12-29

2004-12-02

2003-09-16

2003-09-12

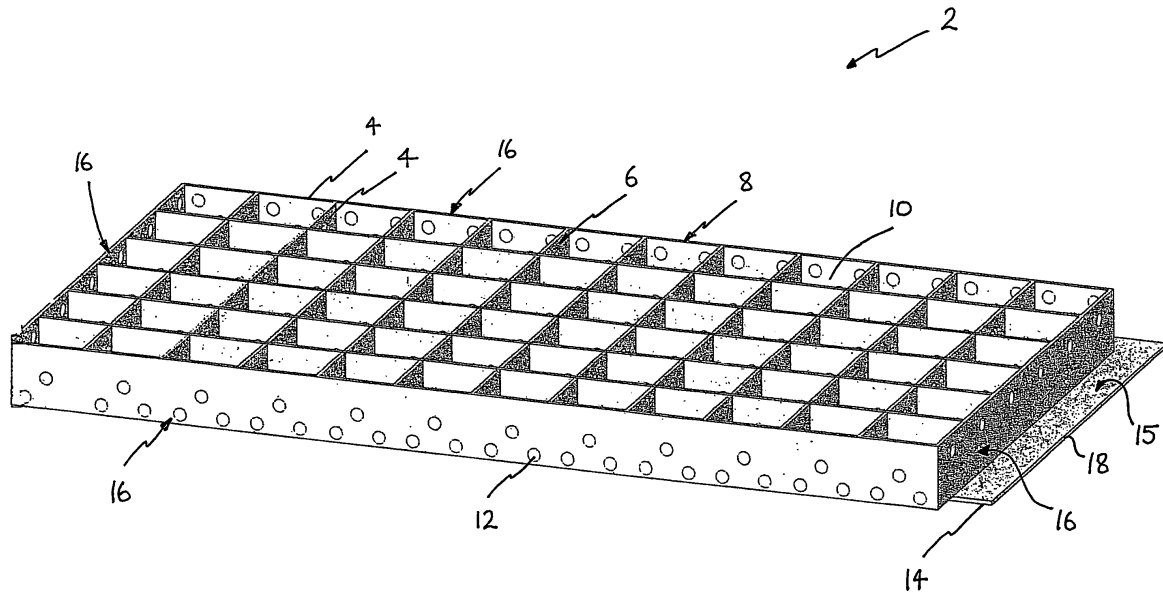
2003-09-12

2002-03-21

Abstract

(EP1490560)

Building panel (2), with spaced apart walls (4) forming cells (10) and with apertures (12). There is skin (14) that makes a projection (15) that allows the overlapping of one **panel** (2) with another **panel** (2).

Images

Family 2/7 - FAMPAT - ©Questel

Title

(EP2616743)

Forced air radiant heating utilicore and **module** and **building** incorporating same

Publication numbers

BR112013005971

BR112013005965

MX357336

IL225210

US9670670

EP2616602

CN103221620

CN103228994

RU2570305

EP2616743

RU2013112889

RU2013112891

ZA201302696

ZA201302697

CA2761005

BR112013005971

MX2013003026

CA2733310

MX2013003025

CN103228994

CN103221620

EP2616602

EP2616743

US20130180191

IN0615/KOLNP/2013

IN0616/KOLNP/2013

US20130168041

IL225210

IL225211

WO2012/034207

WO2012/034217

WO2012/034207

WO2012/034217

CA2733310

CA2761005

Publication dates

2020-06-16

2019-09-24

2018-07-05

2017-09-28

2017-06-06

2016-10-26

2016-10-12

2016-04-27

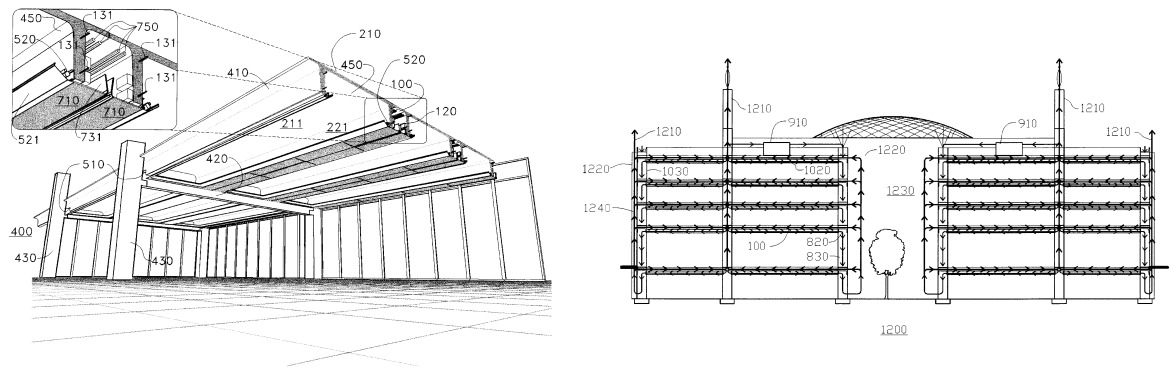
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2013-07-04
2013-06-27
2013-06-27
2012-07-05
2012-05-10
2012-03-22
2012-03-22
2012-03-17
2012-03-17

Abstract

(EP2616743)

An HVAC duct or utilicore for substantially containing air flowing longitudinally therethrough has at least one wall comprised of a poured high thermal mass material with at least one pipe embedded therein during a pouring process, the at least one pipe for circulating a fluid throughout the at least one wall at a temperature that is different from an ambient temperature of the air flowing through the utilicore, for effecting heat transfer through the at least one wall between the fluid in the at least one conduit and the air flowing through the utilicore. A side wall of an elongate monolithic poured concrete **building** construction **module**, having a substantially planar main wall and at least one side wall extending substantially parallel to a longitudinal axis, having a pipe embedded therewithin, may form at least a portion of an element that defines the utilicore. A storey-defining structure for a **building** may comprise a plurality of at least one of such construction modules, each **module** supported at at least two points by a support structure, each **module** being oriented such that distal ends of the side walls thereof engage the support structure, the at least one side wall and the main wall defining an elongate arch, the modules being juxtaposed in parallel relation to define at least one elongate utilicore between the arches. The support structure may comprise one or more modules employed as substantially horizontal beams or substantially vertical columns or both.

Images



Family 3/7 - FAMPAT - ©Questel

Title

(EP-565636)

Utility panel system

Publication numbers

US6951085

JP3597860

US20040154233

US6684583

US6481168

US20020069601

CA2099990

DE69229040

ES2130171

DE69229040

EP0565636

US5487246

US5403232

EP0565636

US5341615

JPH06504344

EP0565636

US5209035

WO92/12300

CA2099990

Publication dates

2005-10-04

2004-12-08

2004-08-12

2004-02-03

2002-11-19

2002-06-13

2000-02-29

1999-08-19

1999-07-01

1999-06-02

1999-04-28

1996-01-30

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1994-05-19

1993-10-20

1993-05-11

1992-07-23

1992-07-11

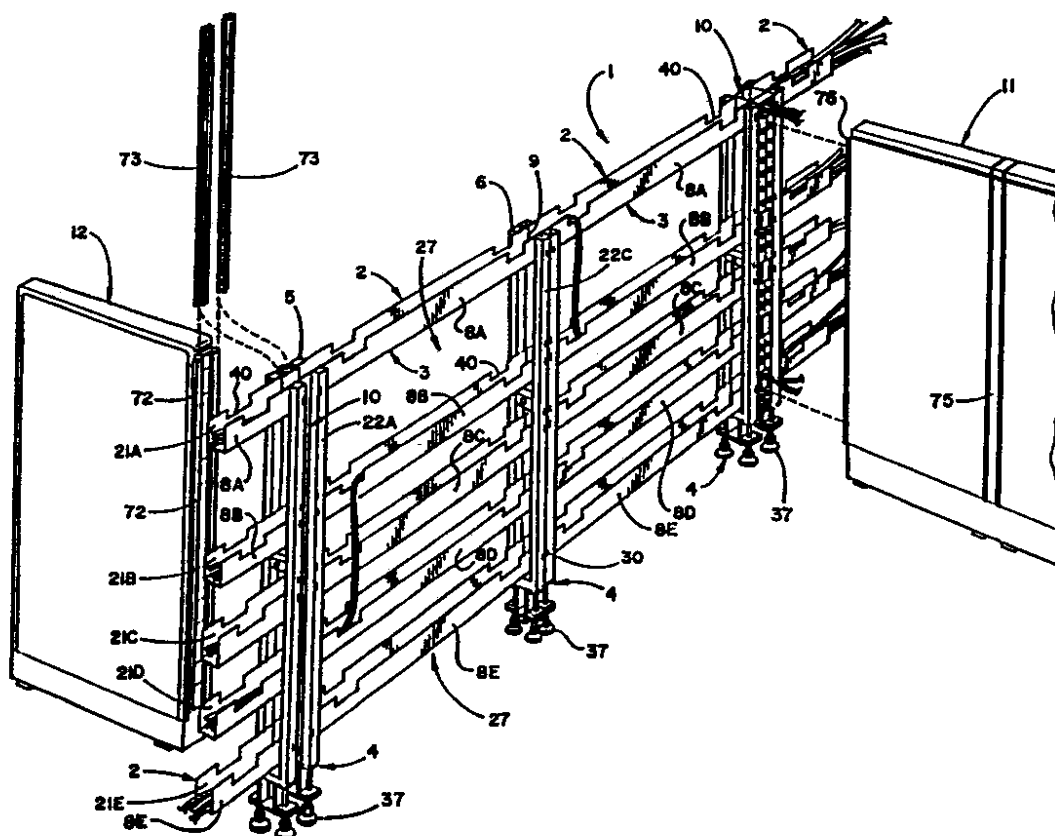
Abstract

(EP0565636)

A utility panel system is provided for open office spaces, and the like. Each utility panel (2) has a relatively thick, skeleton-

like frame (3), with a foot (4) and opposite sides (5, 6) shaped for interconnection with like **panel** frames to create a substantially free-standing **utility panel** system. Cover panels (7) are detachably connected to the opposite faces of each **panel** frame to enclose the same, and provide ready access to the **panel** interior. Horizontal **utility** troughs (8) extend continuously between the opposite sides of each **panel** frame in a vertically stacked relationship. The **utility** troughs (8) have open ends located at the opposite **panel** sides, and are positioned such that when adjacent **utility** panels are interconnected in a side-by-side relationship, the **utility** troughs are aligned to form multiple raceways. **Panel** connectors (10) are provided to connect the **utility** panels with one or more of a variety of existing partition panels, such that the **utility** panels act as a spine which supplies utilities to the existing partition panels.

Images



Family 4/7 - FAMPAT - ©Questel

Title

(EP-648304)

Building panel and buildings using the **panel**

Publication numbers

CA2119929

DE69232239

JP3291573

DE69232239

AT209742

EP0648304

AU671957

JPH08506150

US5526625

EP0648304

GB2275065

EP0648304

GB2275065

GB9405911

AU2665692

CA2119929

WO93/06316

Publication dates

2002-09-10

2002-08-14

2002-06-10

2002-01-10

2001-12-15

2001-11-28

1996-09-19

1996-07-02

1996-06-18

1996-05-22

1995-09-13

1995-04-19

1994-08-17

1994-06-08

1993-04-27

1993-04-01

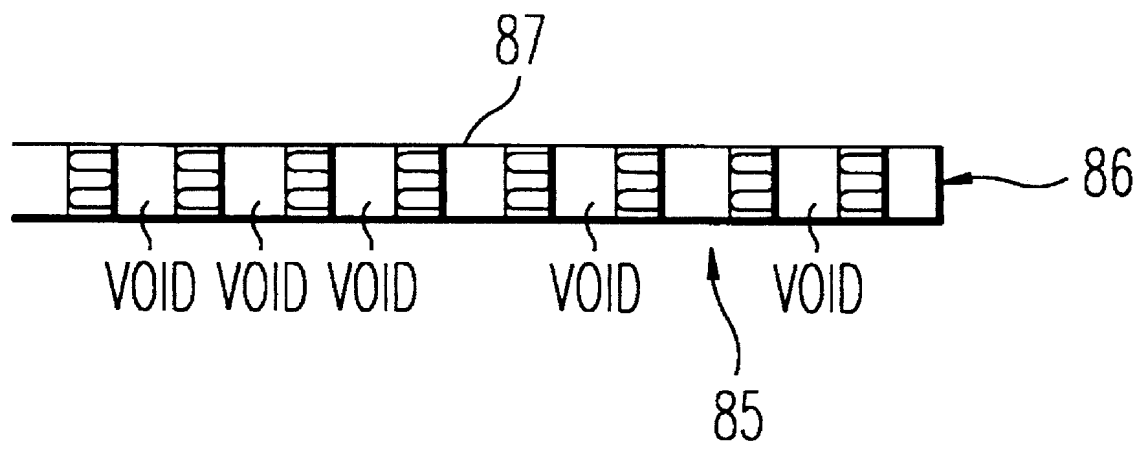
1993-04-01

Abstract

(EP0648304)

A **building panel** (10, 85) having a core (13, 85) between facing sheets (11, 12, 88, 89) with parallel channels through the core (13, 85) which are used for structural framework (23, 26) of the **building**. Either of framing such as timber and steel, or concrete (87) can be interacted with the channels in construction of a **building**. The panels can be used as formwork for floors (131), ceilings, roofs and walls (102, 103, 109, 118) using concrete as the structural element.

Images



Family 5/7 - FAMPAT - ©Questel

Title

(EP1844200)

Prefabricated universal structural steel **panel** and **panel** system

Publication numbers

US8146314

RU2007114885

ZA200703038

CN101198755

JP2008513641

WO2006/036335

EP1844200

IN1284/KOLNP/2007

US20070144090

KR20070054744

AU2005290206

CA2577512

WO2006/036335

US20060059808

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2012-04-03

2008-10-27

2008-08-27

2008-06-11

2008-05-01

2007-11-22

2007-10-17

2007-07-20

2007-06-28

2007-05-29

2006-04-06

2006-04-06

2006-04-06

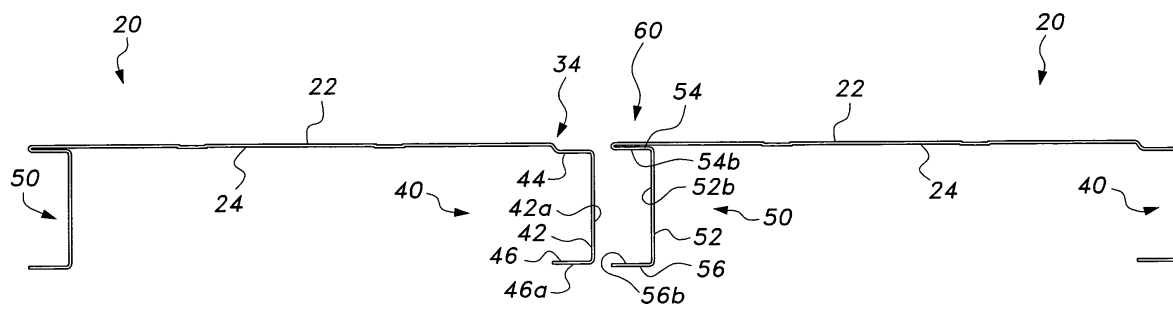
2006-03-23

Abstract

(EP1844200)

The prefabricated universal structural steel **panel** and **panel** system includes a generally elongated rectangular **panel** (20) having opposed exterior (22) and interior (24) surfaces, opposed first (26) and second (28) end portions, and opposed first (30) and second (32) side edge portions. At least two stiffening ribs (36, 38) are integrally formed and embedded in the **panel** (20) and extend longitudinally between first (26) and second (28) end portions. The first side edge portion (30) is designed and configured with a beveled or tapered side edge portion (34), which has an elongated male connecting member (40) integrally connected thereof and extending away from the interior surface (24). An elongated female connecting member (50) is integrally connected to the second side edge portion (32) and extends away from the interior surface (24). The elongated male connecting member (40) of one **panel** (20) cooperatively profiles to mate with the female connecting member (50) of an adjacent **panel** (20).

Images



Family 6/7 - FAMPAT - ©Questel

Title

(EP1644593)

An improved beam

Publication numbers

VN0009826

IL172543

JP4563384

IN235717

HK1094016

CA2530054

CN100441815

RU2340744

NZ544211

US20080028720

AU2004249793

EP1644593

IN0223/DELNP/2006

JP2007520648

ZA200510240

BRPI0411573

RU2005140555

CN1809672

MXPA05014101

KR20060032961

EP1644593

IL172543

NO20060260

AU2004249793

CA2530054

WO2004/113637

AU2003903142

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2011-12-26

2011-02-28

2010-10-13

2009-08-21

2009-06-19

2009-01-06

2008-12-10

2008-12-10

2008-04-30

2008-02-07

2008-01-24

2007-10-24

2007-08-17

2007-07-26

2007-03-28

2006-08-08

2006-07-27

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2004-12-29

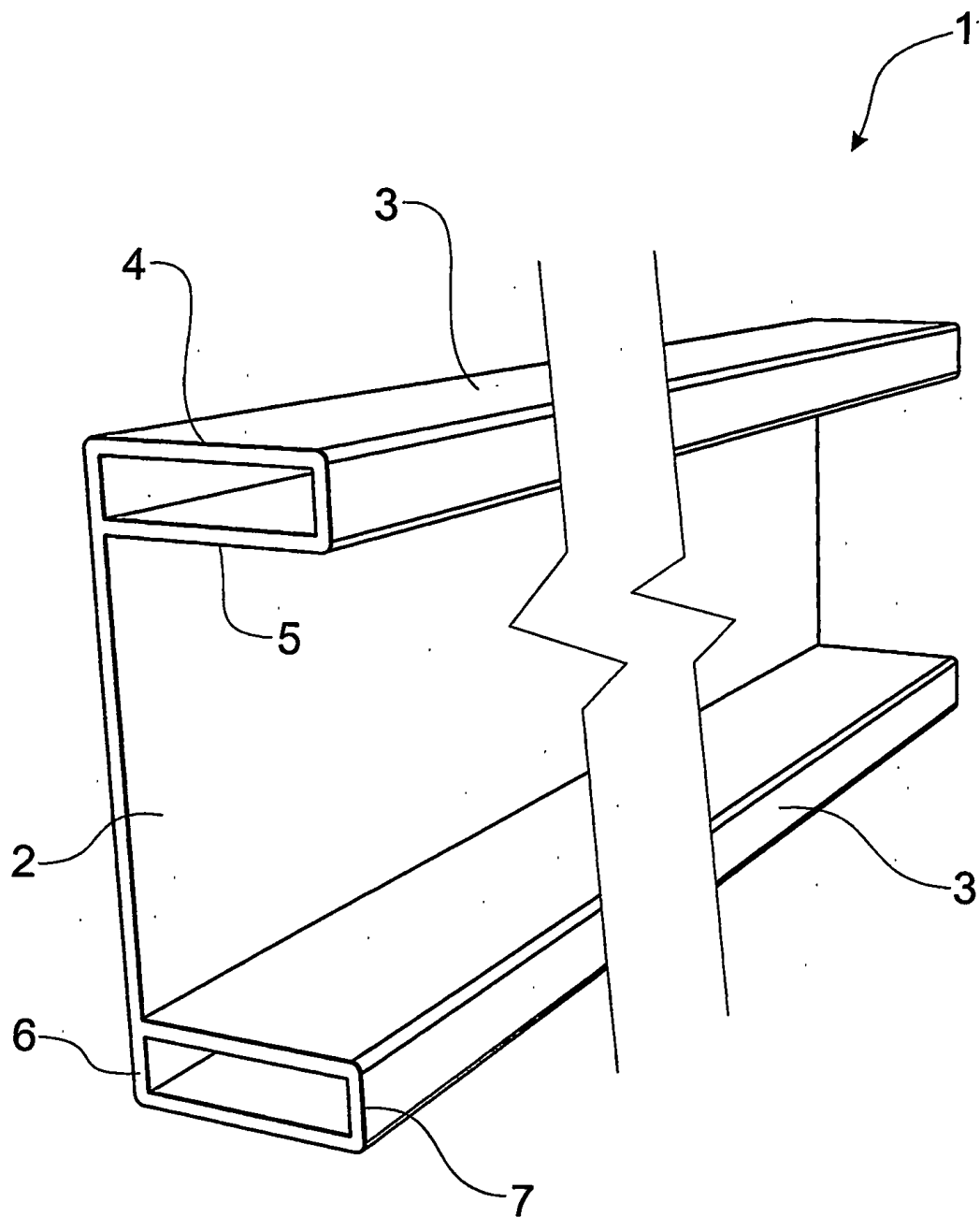
2003-07-03

Abstract

(EP1644593)

A hollow flange channel beam has a planar web with a pair of narrow rectangular cross-section flanges extending along opposite sides of said web and extending perpendicular to a face of said web in the same direction. The section is optimised when $W_f = (0.3)D_b$, $W_f = (3.0)D_f$ and $W_F = (30)t$.

Images



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Title

(EP3017120)

Dry construction system for making partition walls, suspended ceilings or the like, carrier profile therefor, and use of this dry construction system

Publication numbers

NZ715239

US10633856

JP6438465

RU2658954

AU2014286279

RU2016103057

BR112015032808

TH160990

US20160369500

JP2016526625

IN4203/KOLNP/2015

EP3017120

VN46742

AU2014286279

SG11201510441Y

BR112015032808

CA2915719

DE102013106880

WO2015/000897

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2020-06-26

2020-04-28

2018-12-12

2018-06-26

2018-01-18

2017-08-04

2017-07-25

2017-03-23

2016-12-22

2016-09-05

2016-07-01

2016-05-11

2016-04-25

2016-02-11

2016-01-28

2016-01-19

2015-01-08

2015-01-08

2015-01-08

Abstract

(EP3017120)

The invention relates to a dry construction system for making partition walls (1), suspended ceilings or the like, with a support structure (2), a cladding (3) arranged on at least one side of this, and an insulation layer (4), wherein the support

structure (2) comprises a plurality of carrier profiles (22), to which at least one cladding (3) is secured, and wherein the carrier profiles (22) are formed from a sheet material and exhibit in cross-section a basic section and two limb sections arranged perpendicular thereto, and comprise an embossing with regularly distributed elevations and depressions. In this situation, the centre-to-centre distance between two adjacent elevations of the embossing on one side of the sheet material is less than six times the rated sheet thickness, and the base section is connected to the adjacent limb section in each case by a curved section with an outer radius which amounts to at least three times the rated sheet thickness. The invention further relates to a carrier profile (22) for such a dry construction system and uses of such a dry construction system. In this way a generic dry construction system is further improved in respect of the sound insulation properties.

Images

