

Title (en)

Process and device for erecting concrete walls by means of braced shutterings

Title (de)

Verfahren zum Errichten einer Betonwand unter Verwendung von verspannten Verschalungen sowie Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Méthode et dispositif pour la construction de murs en béton avec emploi de coffrages tendus

Publication

**EP 0725195 A3 19961113 (DE)**

Application

**EP 96105665 A 19930513**

Priority

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- EP 93912708 A 19930513

Abstract (en)

[origin: WO9323640A1] A process and device are disclosed for erecting concrete walls by means of braced shutterings. Shuttering planks (1, 2) are braced parallel to each other at a distance from each other that corresponds to the thickness of the concrete wall to be erected, by means of bracing anchors (3) having tubular spreaders (4). The bracing anchors (3) are removed from the erected concrete wall after the gap between the shuttering planks has been run in, and the shuttering planks (1, 2) are knocked off. The tubular spreaders (4) remaining in the concrete walls are filled with grouting material in order to seal the bracing spots. The grouting material is pressed into cavities and/or cracks located outside the casing of the tubular spreader (4) through holes (11) provided in the casing.

IPC 1-7

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CPC (source: EP US)

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**E04G 23/0203** (2013.01 - EP US); **E04G 23/0211** (2013.01 - EP US)

Citation (search report)

- [A] DE 8915525 U1 19900927
- [DA] EP 0418699 A1 19910327 - SCHMID RENE P [DE]
- [DA] FR 2532675 A1 19840309 - CHANDELLIER ANTOINE [FR]
- [DA] DE 8904243 U1 19891005

Cited by

EP0980935A3; DE102008008570A1

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**WO 9323640 A1 19931125**; AT E146249 T1 19961215; AT E194203 T1 20000715; CA 2134473 A1 19931125; CA 2134473 C 19990126;  
CZ 274194 A3 19950315; CZ 282654 B6 19970813; DE 4215731 A1 19931118; DE 59304752 D1 19970123; DE 59310069 D1 20000803;  
DK 0642620 T3 19961230; DK 0725195 T3 20000828; EP 0642620 A1 19950315; EP 0642620 B1 19961211; EP 0725195 A2 19960807;  
EP 0725195 A3 19961113; EP 0725195 B1 20000628; ES 2098040 T3 19970416; ES 2149400 T3 20001101; FI 104844 B 20000414;  
FI 945366 A0 19941114; FI 945366 A 19950109; GE P20012563 B 20011025; HU 219269 B 20010328; HU 9403080 D0 19941228;  
HU T71547 A 19951228; MD 1885 B2 20020331; MD 1885 C2 20021031; MD 960322 A 19970731; NO 302583 B1 19980323;  
NO 311585 B1 20011210; NO 944279 D0 19941110; NO 944279 L 19941110; NO 975647 D0 19971204; NO 975647 L 19941110;  
PL 171625 B1 19970530; PL 172395 B1 19970930; RU 2102568 C1 19980120; RU 2126480 C1 19990220; RU 94045978 A 19961010;  
SK 136994 A3 19950412; SK 280036 B6 19990712; UA 27895 C2 20001016; US 5914137 A 19990622; US 6159399 A 20001212

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DE 4215731 A 19920513; DE 59304752 T 19930513; DE 59310069 T 19930513; DK 93912708 T 19930513; DK 96105665 T 19930513;  
EP 93912708 A 19930513; EP 96105665 A 19930513; ES 93912708 T 19930513; ES 96105665 T 19930513; FI 945366 A 19941114;  
GE AP1993002577 A 19930513; HU 9403080 A 19930513; MD 960322 A 19930513; NO 944279 A 19941110; NO 975647 A 19971204;  
PL 30598693 A 19930513; PL 31630593 A 19930513; RU 94045978 A 19930513; RU 97100299 A 19930513; SK 136994 A 19930513;  
UA 94119001 A 19930513; US 19902298 A 19981124; US 76988396 A 19961219