

Title (en)  
WALL FOR THE CABIN OF A VARNISHING LINE

Title (de)  
WAND FÜR DIE KABINE EINER LACKIERANLAGE

Title (fr)  
PAROI DE CABINE POUR CHAÎNE DE VERNISSAGE

Publication  
**EP 0935500 A1 19990818 (DE)**

Application  
**EP 98941380 A 19980720**

Priority  
• DE 19739644 A 19970910  
• EP 9804524 W 19980720

Abstract (en)  
[origin: US6230470B1] A wall for the booth of a coating plant is composed in a known manner of individual wall elements (1, 2). Each wall element (1, 2) comprises a load-bearing frame (3), which is formed from vertical posts (4, 5) made of sheet-metal sections and horizontal crosspieces (6, 7, 8, 9). The zones spanned by the posts (4, 5) and the crosspieces (6, 7, 8, 9) are covered by plates (10, 11, 12). At least the vertical posts (4, 5) have a section whose basic geometric shape is rectangular, although two of the sectional legs (15, 16), namely in each case the outer leg which is vertical to the associated plate (11) and the outer leg (16) which is parallel to the plate (11), do not extend over the entire length of the corresponding side of the rectangle. The interior of the posts (4, 5), in which fixtures and fittings can be installed, is thus accessible. At least one bent region (40) is shaped onto the shortened leg (16) which is parallel to the plate (11), which region extends back again towards the corresponding plate (11). This bent region (40) serves on the one hand to mechanically stiffen the corresponding post (4, 5) and on the other to secure a cover (18), which can be inserted between the shortened legs (16), which are parallel to the plates (11), of adjacent posts (4, 5) and thus closes off the access opening to the interiors of the two adjacent posts (4, 5) in a flush manner.

IPC 1-7  
**B05B 15/12**; **E04B 2/78**

IPC 8 full level  
**B05B 15/12** (2006.01); **B05B 16/40** (2018.01); **E04B 2/78** (2006.01)

CPC (source: EP US)  
**B05B 16/40** (2018.01 - EP US); **E04B 2/7854** (2013.01 - EP US)

Citation (search report)  
See references of WO 9912657A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)  
**US 6230470 B1 20010515**; AT E242061 T1 20030615; CA 2270919 A1 19990318; CZ 294012 B6 20040915; CZ 9901577 A3 20001213; DE 19739644 A1 19990325; DE 19739644 C2 19990805; DE 59808622 D1 20030710; EP 0935500 A1 19990818; EP 0935500 B1 20030604; ES 2199455 T3 20040216; PL 187871 B1 20041029; PL 333279 A1 19991122; WO 9912657 A1 19990318

DOCDB simple family (application)  
**US 29795099 A 19990510**; AT 98941380 T 19980720; CA 2270919 A 19980720; CZ 157799 A 19980720; DE 19739644 A 19970910; DE 59808622 T 19980720; EP 9804524 W 19980720; EP 98941380 A 19980720; ES 98941380 T 19980720; PL 33327998 A 19980720