

Title (en)

Removable roof construction with rainwater discharge

Title (de)

Entfernbarer Dachkonstruktion mit Regenentlastungsanlage

Title (fr)

Toit amovible avec une installation d'évacuation des eaux de pluie

Publication

**EP 1213413 A1 20020612 (EN)**

Application

**EP 01204705 A 20011205**

Priority

NL 1016800 A 20001205

Abstract (en)

The invention relates to a roof construction that can be dismantled and has two pairs of columns, two hollow beams, which are located some distance apart and each of which is supported by two columns, and decking sheets (20, 21) supported on the beams, wherein at least one hollow beam (4, 4', 4'', 4''') is provided with a water inlet and a water outlet (17, 31, 32) located above the column, wherein the decking sheets (20, 21) are positioned above the water inlet of the beam (4, 4', 4'', 4''') with a gap (7) between them and wherein at least one column (5, 6) is provided with a tank (9) which functions in conjunction with the water outlet of the beam. As a result the roof construction can be assembled and dismantled in a simple manner. Moreover, with this arrangement new rubber seals do not have to be used every time. <IMAGE>

IPC 1-7

**E04H 6/10**; **E04B 7/00**

IPC 8 full level

**E04B 7/00** (2006.01); **E04D 13/04** (2006.01); **E04D 13/08** (2006.01); **E04H 6/10** (2006.01)

CPC (source: EP)

**E04B 7/00** (2013.01); **E04D 13/04** (2013.01); **E04D 13/0445** (2013.01); **E04D 13/0477** (2013.01); **E04D 13/08** (2013.01); **E04H 6/10** (2013.01); **E04D 2013/0893** (2013.01)

Citation (search report)

- [X] WO 9010127 A1 19900907 - OLSEN PER K [NO]
- [X] GB 662629 A 19511205 - MABEL RUTH MUSSETT, et al
- [A] WO 9945220 A1 19990910 - STERN DAVID [GB], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 306 (M - 1428) 11 June 1993 (1993-06-11)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 444 (M - 1658) 18 August 1994 (1994-08-18)

Citation (examination)

US 5636936 A 19970610 - KREMSER KURT [DE]

Cited by

KR100490017B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1213413 A1 20020612**; NL 1016800 C2 20020606

DOCDB simple family (application)

**EP 01204705 A 20011205**; NL 1016800 A 20001205