Title (en)

Vehicle body with a roof closing plate and transverse support ribs

Title (de)

Wagenkasten mit Dachabschlussplatte und Querspriegeln

Title (fr)

Caisse de véhicule avec une plaque d'obturation pour le toit et arceaux transversaux

Publication

EP 0990574 A3 20010314 (DE)

Application

EP 99109032 A 19990507

Priority

DE 19844812 A 19980930

Abstract (en)

[origin: EP0990574A2] The car has two longitudinal roof beams (2) which support airtight and water tight roof panels (6). The longitudinal beams are connected by transverse arches (3) on which the panels are hung. Additional units for example current collector units or air conditioning are mounted above the roof closing panel and are covered with a coping (14).

IPC 1-7

B61D 17/12; B62D 25/06

IPC 8 full level

B61D 17/12 (2006.01)

CPC (source: EP US)

B61D 17/12 (2013.01 - EP US)

Citation (search report)

- [A] DE 4333437 C1 19950119 - SIEMENS AG [DE]
- [A] EP 0599031 A1 19940601 - KIEPE BAHN ELEKTRIK GMBH [DE]

Cited by

CN104118440A; CN102556090A; EP3002173A1; EP2301820A1; FR2950017A1; CN102019936A; CN108909736A; DE102014206462A1; WO2014146857A1; WO2014082831A1; WO2014082832A1; WO2016131723A1; WO02083475A1; RU184302U1; EP3838705A1; GB2590437B

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0990574 A2 20000405; **EP 0990574 A3 20010314**; **EP 0990574 B1 20051116**; DE 19844812 A1 20000413; DE 59912796 D1 20051222; HU 223147 B1 20040329; HU 9902945 A2 20000928; HU 9902945 A3 20010528; HU 9902945 D0 19991129; IL 131694 A0 20010319; IL 131694 A 20031031; NO 321204 B1 20060403; NO 994731 D0 19990929; NO 994731 L 20000331; US 6626118 B1 20030930

DOCDB simple family (application)

EP 99109032 A 19990507; DE 19844812 A 19980930; DE 59912796 T 19990507; HU 9902945 A 19990901; IL 13169499 A 19990901; NO 994731 A 19990929; US 40804299 A 19990929