

Title (en)
TONNEAU COVER SYSTEM

Title (de)
ABDECKSYSTEM MIT PLANE

Title (fr)
ENSEMBLE DE COUVERTURE D'ESPACE DE CHARGEMENT

Publication
EP 1062120 A4 20040609 (EN)

Application
EP 99903104 A 19990115

Priority
• US 9900868 W 19990115
• US 7166298 P 19980116

Abstract (en)
[origin: WO9936290A1] A system for removably attaching a tonneau cover (1) over the bed (19) of a pickup truck (3) or similar vehicle. The system includes front (5), rear (9), and side rails (7). The front (5) and two side rails (17) are respectively secured in fixed positions atop the front (15) and side (17) walls of the bed (19). The rear rail (9) is then suspended to extend between the two side rails (7) across the mouth of the tailgate opening. The ends (9') of the rear rail (9) are inserted into longitudinally extending channels (33) in the side rails (7) and can be slid relative to the fixed, front (5) and side (7) rails. The system also can include one or more support bows (21) that can be inserted into the channels (33) in the fixed, side rails (7) and slid relative to them to spaced positions intermediate the front (5) and rear (9) rails. With the slidable, rear rail (9), the cover (1) can be selectively tensioned or loosen to ease putting the cover (1) over the bed (19) and taking it off. The tailgate (23) and rear rail (9) sealingly engage each other when the tailgate (23) is closed to make the system substantially watertight.

IPC 1-7
B60P 7/02; **B60J 7/10**

IPC 8 full level
B60J 7/10 (2006.01)

CPC (source: EP)
B60J 7/102 (2013.01); **B60J 7/104** (2013.01)

Citation (search report)
• [XY] US 5251951 A 19931012 - WHEATLEY DONALD G [US]
• [Y] US 5702147 A 19971230 - ESSIG RICHARD C [US]
• [YA] US 4923240 A 19900508 - SWANSON THOMAS E [US]
• [E] US 5984400 A 19991116 - MILLER ROBERT D [US], et al
• See references of WO 9936290A1

Designated contracting state (EPC)
AT DE ES FR GB IT PT SE

DOCDB simple family (publication)
WO 9936290 A1 19990722; AU 2320799 A 19990802; CA 2318222 A1 19990722; EP 1062120 A1 20001227; EP 1062120 A4 20040609

DOCDB simple family (application)
US 9900868 W 19990115; AU 2320799 A 19990115; CA 2318222 A 19990115; EP 99903104 A 19990115