

Title (en)
PROTECTING DEVICE, ESPECIALLY FOR MOTOR-CYCLISTS

Publication
EP 0043990 B1 19840711 (FR)

Application
EP 81105116 A 19810701

Priority
CH 539980 A 19800715

Abstract (en)
[origin: EP0043990A1] 1. Protecting device, especially for motorcyclists including at least one tight chamber provided with inflating means with automatic releasing, characterized by the fact that the tight chamber comprises a spine protecting element (2), a neck protecting element (3) and a pelvis protecting element (1), the last two elements (1, 3) being situated perpendicularly to the ends of the spine protecting element (2), and by the fact that the device is provided with attaching means (15, 16, 16') intended to cooperate in service position with the body of the user in such a way that each of said elements (1, 2, 3) of the tight chamber be maintained in a position corresponding to the respective part of the body to be protected.

IPC 1-7
A41D 13/00

IPC 8 full level
B60R 22/12 (2006.01); **A41D 13/00** (2006.01); **A41D 13/018** (2006.01); **A41D 13/05** (2006.01); **B60R 22/14** (2006.01); **B62J 27/00** (2006.01)

CPC (source: EP)
A41D 13/018 (2013.01); **A41D 13/0512** (2013.01); **A41D 13/0525** (2013.01); **A41D 13/0531** (2013.01); **A41D 2600/102** (2013.01)

Cited by
WO2011148350A1; US5621922A; US5313670A; US5133084A; ITMI20100971A1; US5287562A; GB2225708A; US7007307B2; FR2773676A1; FR2677856A1; ITRM20080657A1; EP0051254A1; EP2745720A1; US6230333B1; CN103153102A; FR2807983A1; US7370370B2; US7993293B2; GB2296855A; GB2296855B; EP4029396A1; IT202100000884A1; WO2009047733A3; WO9307772A3; WO2005013737A1; WO2004039192A1; WO8201464A1; US8291521B2; US8832871B2; US8910319B2; US8938820B2; US8162865B2; US8162866B2; WO9851170A1; WO9426136A1

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0043990 A1 19820120; EP 0043990 B1 19840711; AT E8326 T1 19840715; CA 1171602 A 19840731; CH 637547 A5 19830815; DE 3164708 D1 19840816; ES 503919 A0 19821201; ES 8301095 A1 19821201; JP H0211464 B2 19900314; JP S5747235 A 19820318; PT 73340 A 19810801; PT 73340 B 19820901

DOCDB simple family (application)
EP 81105116 A 19810701; AT 81105116 T 19810701; CA 380972 A 19810702; CH 539980 A 19800715; DE 3164708 T 19810701; ES 503919 A 19810713; JP 10993781 A 19810714; PT 7334081 A 19810709