

Title (en)
Deployable unit for a transport vehicle

Title (de)
Faltbare Einheit für ein Transportfahrzeug

Title (fr)
Unité déployable pour un véhicule de transport

Publication
EP 2141296 A3 20120118 (EN)

Application
EP 09161436 A 20090528

Priority
ES 200801958 A 20080630

Abstract (en)
[origin: EP2141296A2] This is a module which can be located on a vehicle in a fixed manner or which can be separated therefrom, and can also be unfolded and then folded back up again, the capacity thereof can be increased by two, three or more times the initial size and then can refold upon itself to remain in its original shape. It has an array formed by bellowed articulated panels (8, 9) which articulate with respect to a silage side (3) and with respect to one of the sides of the front wall (4) and the rear wall (5), which in folded situation is on the sides of the module (10, 20, 30, 40) and in unfolded situation is constituted on prolongations of the front wall (4) and rear wall (5), respectively, considerably increasing the volume of the module.

IPC 8 full level
E04B 1/344 (2006.01)

CPC (source: EP ES)
E04B 1/34305 (2013.01 - EP); **E04B 1/3441** (2013.01 - ES); **E04B 1/3444** (2013.01 - EP)

Citation (search report)

- [X] GB 699753 A 19531118 - FAVILLE CLEMENT POULTON
- [X] US 3348344 A 19671024 - LEON TATEVOSSIAN
- [X] WO 02066755 A1 20020829 - MAISONS LAPRISE INC [CA], et al
- [X] US 5596844 A 19970128 - KALINOWSKI JUAN R [CA]
- [X] EP 0097475 A1 19840104 - FAGNONI GIOVANNA MARIA
- [X] WO 2008067592 A1 20080612 - SMARTECH DESIGNS PTY LTD [AU], et al

Cited by
GB2526317A; BE1019278A3; CN107013055A; EP2357291A1; GB2505673A; GB2505673B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2141296 A2 20100106; EP 2141296 A3 20120118; ES 2304331 A1 20081001; ES 2304331 B1 20090922

DOCDB simple family (application)
EP 09161436 A 20090528; ES 200801958 A 20080630