

TRUNK WITH FOLDING CROSSBARS, PATENT OSIM – RO NR. 130559/2019 PROPOSED FOR INSTALLATION ON THE DACIA – DUSTER CAR

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Rezumat. Lucrarea prezintă o manieră de implementare a unui brevet românesc existent (Brevetul OSIM - Ro nr. 130559/2019), care se referă la un portbagaj auto cu bare transversale rabatabile, pentru adaptarea lui la autoturismul Dacia-DUSTER, ca portbagaj SMART. Elementul de noutate constă în faptul că portbagajul este astfel conceput încât el se poate plia/ascunde în interiorul barelor longitudinale existente atunci când nu este utilizat (conducând la economii de combustibil) și respectiv, se poate extinde prin rabatare pentru a fi pus în poziție de lucru, atunci când el devine activ. În plus, portbagajul are posibilități de reglaj funcție de tipurile / dimensiunile bagajelor transportate și este integrat mai armonios formei caroseriei autoturismului, comparativ cu portbagajele universale existente.

Abstract. The work presents a manner of implementation of an existing Romanian patent (OSIM - Ro Patent no. 130559/2019 which refers to a car trunk with folding crossbars), for its adaptation to the Dacia-DUSTER car, as a SMART trunk. The novelty element is that the trunk is designed in such a way that it can fold / hide inside the longitudinal bars when it is not used (leading to fuel savings), and respectively, it can be extended by folding to be put in a working position, when it becomes active. In addition, the trunk has possibilities of adjustment depending on the types / dimensions of the luggage transported and is integrated more harmoniously with the shape of the car's body, compared to the existing universal

Keywords: smart trunks, folding crossbars.

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1. Introduction

The article presents an extract – adapted – from a Romanian patent of some of the authors of the article, a patent that refers to a new model of trunk – a SMART trunk

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