

Title (en)
PLASTIC PALLET HAVING DECK SUSPENSION SYSTEM

Title (de)
KUNSTSTOFFPALETTE MIT PLATTENAUFHÄNGUNGSSYSTEM

Title (fr)
PALETTE EN MATIERE PLASTIQUE A SYSTEME DE SUSPENSION DE PLATE-FORME

Publication
EP 1853487 A2 20071114 (EN)

Application
EP 06735421 A 20060221

Priority
• US 2006005758 W 20060221
• US 65476005 P 20050218

Abstract (en)
[origin: WO2006089174A2] The top of a thermoplastic pallet (20) for transporting goods is comprised of a frame (24), which is mounted on columns (28) extending upwardly from a base (30). A subframe (66) is attached to brackets (68, 78) within the interior opening of the frame. The edges of corrugated metal deck (22) is attached to the subframe and spaced apart inwardly from the inner edge (72) of the frame. There are lengthwise spaces between the subframe and the bridge parts (25) of the frame, which bridges span the fork opening spaces (34) between the columns (28). When the bridges are horizontally impacted, they can deform elastically into the spaces without causing any damage to the deck. Preferably the bridges (25) comprise lengthwise impact absorber zones (26) for good compliance to horizontal impacts.

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Citation (search report)
See references of WO 2006089174A2

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