

Title (en)
Palletising system

Title (de)
Palletisierungssystem

Title (fr)
Système de palletisation

Publication
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Application
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Abstract (en)
[origin: EP1018472A1] A palletising system for use in the transport and handling of articles or groups of articles (5) comprises at least one pallet (1, 20) and a fork lift. The or each pallet (1, 20) comprises a load bearing generally planar surface and a structure located beneath the plane of the surface having a plurality of channels (3, 4) therein to receive the tines (10) of a fork lift truck whereby the pallet (1, 20) and its associated load (5) can be handled by the fork lift. The pallet (1, 20) has alternating closed (4) and open (3) top channels in the structure underlying the load bearing surface. The open top channels (3) permit tines (10) of a fork lift truck when located in at least some of those channels (3) to engage the base of a load (5) carried upon the pallet directly so that the load can be lifted free from the pallet. The close top channels (4) permit tines (10) of a fork lift truck when located in at least some of those channels (4) to engage the top of the channels to raise the pallet and any load carried on the pallet. The fork lift comprises a plurality of laterally spaced apart tines (10) for engaging in channels (3, 4) of the pallet, and means for raising and lowering the tines. At least one of the tines (10) is laterally moveable so that when the movable tine (10) is brought sufficiently close to an adjacent tine (10), both tines may be inserted into a single channel (3, 4) in the pallet (1, 20). The invention also provides a pallet for use in the system, and an attachment for a fork lift or tractor, for use in the system. <IMAGE>

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