

Title (en)
A TRANSPORT AND STORING SYSTEM FOR TILES

Title (de)
TRANSPORT- UND LAGERSYSTEM FÜR FLIESEN

Title (fr)
SYSTÈME DE TRANSPORT ET DE STOCKAGE DE CARREAUX

Publication
EP 3665118 B1 20210414 (EN)

Application
EP 18742849 A 20180711

Priority
• IT 201700091532 A 20170808
• IB 2018055104 W 20180711

Abstract (en)
[origin: WO2019030588A1] Transport and storing system of tiles (1), comprising: a support structure of tiles (2), comprising a loading plane (21) for supporting a plurality of tiles (22); an automatically-guided vehicle (3) (AGV), which in turn comprises: a main body (31); a projecting frame (32) which extends from the main body (31); a pair of forks (33) which are flanked to the projecting frame (32) and which are vertically mobile so as to raise or lower the support structure of tiles (2). The support structure of tiles (2) and the automatically-guided vehicle (3) are configured in such a way that: at least a part of the projecting frame (32) can insert below the loading plane (21) of the support structure of tiles (2) when the support structure (2) is resting on a floor surface. The support structure of tiles (2) comprises a first centring seat (24) and a second centring seat (25) and the automatically-guided vehicle (3) further comprises a first raising element (34), a second raising element (35), a third raising element (36) and a fourth raising element (37). At least two from the first raising element (34), the second raising element (35), the third raising element (36) and the fourth raising element (37) are shaped as a first centring element (38) and a second centring element (39) which are couplable respectively to the first centring seating (24) and the second centring seating (25) of the support structure of tiles (2) for raising the support structure of tiles (2) from the floor surface for the centring of the support structure of tiles (2) with respect to the automatically-guided vehicle (3) during transport.

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