

Title (en)
A CRATE

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Application
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Abstract (en)
[origin: EP0322152A2] This invention provides a crate (10) having a body (12) with a cavity for receiving a plurality of containers and a base (16) with floor surfaces (18) on which the containers can be supported. A crate insert (14) is located in the cavity to provide a spacer arrangement above the base (16) of the body (12) for separating containers in the crate (10) from one another. The crate body (12) can be a relatively thin-walled body of plastics material and the crate insert (14) can have reinforcement (46) for providing the body (12) with support against flexing. The crate body (12) and insert (14) preferably have complementary formations (32, 40, 42) for securing the insert to the body, locating the insert and further strengthening the crate. The base (16) of the crate body (12) can be designed to rest on the tops or necks of containers in a subjacent crate.

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Cited by
EP3124390A1; DE9107100U1; EP0414480A1; CN115258375A; EP2103532A1; NL2001382C2; AU731966B2; WO2015094708A1; WO9411264A1

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