

Title (en)

Plastic container having multilayered side walls

Title (de)

Kunststoffbehälter mit mehrlagigen Seitenwänden

Title (fr)

Conteneur en plastique à parois latérales multicouches

Publication

EP 1661815 B1 20100317 (DE)

Application

EP 05020341 A 20050919

Priority

- DE 102004054351 A 20041109
- DE 102004057786 A 20041130

Abstract (en)

[origin: EP1661815A1] Plastic containers with a base (2) and side walls (3), in which the sides (3) comprise a double- or multi-layer sandwich structure with individual layers (6, 7) having a thickness such that the layer is dimensionally stable under production conditions during and after binding the layers, the required mechanical stability of the wall being provided by the sandwich structure. An independent claim is also included for a method for the production of such containers by injection moulding the container with a first layer (7) of side wall, making a second layer (6) independently of the first and then binding the two layers together.

IPC 8 full level

B65D 6/00 (2006.01); **B65D 6/10** (2006.01)

CPC (source: EP)

B65D 11/16 (2013.01); **B65D 11/20** (2013.01); **B65D 85/305** (2013.01); **B65D 2203/10** (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24063** (2013.01); **B65D 2501/24777** (2013.01); **B65D 2501/24808** (2013.01); **B65D 2501/24872** (2013.01)

Citation (examination)

US 5884421 A 19990323 - KEY STEPHEN M [US]

Cited by

DE102013014197A1; EP1882636A2

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DOCDB simple family (publication)

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