

Title (en)

Assembled block

Title (de)

Konstruktionsstein

Title (fr)

Jeu de construction

Publication

EP 1642630 B1 20070704 (EN)

Application

EP 05019581 A 20050908

Priority

- JP 2004291173 A 20041004
- JP 2005145730 A 20050518

Abstract (en)

[origin: EP1642630A1] A block which can be easily assembled into a large variety of shapes and sizes using a smaller number of kinds of joints at a low cost. The assembled block includes equilateral triangular block plates, square block plates, and joints through which the block plates are coupled together. Each of the joints is formed of a single, flexible and bendable plate having wing portions on both sides thereof. The block plates are made of a flexible material and have edges and receptacles each provided along one of the edges for accepting one of the wing portions of the joints. The receptacles are each formed with a guide pocket. Any two the block plates can be coupled together through any of the joints by inserting the respective wing portions of the joint into one of the receptacles of one of the two block plates through the corresponding guide pocket and into one of the receptacles of the other of the two block plates through the corresponding guide pocket.

IPC 8 full level

A63H 33/10 (2006.01)

CPC (source: EP KR US)

A63H 33/062 (2013.01 - KR); **A63H 33/101** (2013.01 - EP KR US)

Cited by

CN107952253A; JP4607220B2; EP2025379A4; CN101963176A; EP3638388A4; US9120029B2; WO2010115429A1; WO2006107220A1; US8109803B2; WO2007135800A1; WO2007136047A1; JPWO2007136047A1

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EP 05019581 A 20050908; JP 2005145730 A 20050518; KR 20050075137 A 20050817; TW 94131304 A 20050912; US 20854005 A 20050823