

WTAWARD 2013

Categorie Premio

Accessibilità

Sostenibilità

Qualità della vita

Product Name

Bubble Baby Bed

Designer

Lana Agiyan

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Lavout Desian Studio

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Description of innovation social values

- product category
- formal and functional features
- problems solved by innovation
- user
- field of application

Bubble Baby Bed is an innovative cradle for children from birth up to 6 months. Made of hygienic transparent acrylic plastic it slightly rocks at all sides helping the child to fall asleep easily, while transparent plexiglass weight center returns the bed to the upright position. A stopper at the bottom of the cradle prevents it from declining more than 15 degrees. Taking just 1 square meter of space, the bed will fit every living space. Very important is that both child and parents have good eye contact. The mattress construction combines both lightness, that is important for the cradle's kinetics, and firmness, that is necessary for the newborns. This is provided by combination of polystyrene beads on the bottom and a 4 cm layer of buckwheat hulls on top. This organic material provides needed firmness, light stimulating massage for the child and also combines hypoallergic, antibacterial, antifungal features. The mattress is breathable and odour resisting. The bed is treated with liquid polymer solution containing nano particles of Titanium dioxide. Exposed to sunshine NTiO2 starts reaction of photocatalysis and degrades air pollution, dirt and bad smells. Liquid polymer fills some minor scratches and improves optical transparency of plastic. After the baby begins to sit (5-6 months) the bed can be used as a hip designer toy storage or as a toy for motor play (vestibular movement and balancing skills)

Description of technical features

- operations
- technology

Dimensions

100cmx100cm h=76cm

Materials

Acrylic plastic, wool, cotton, polystyrene, buckwheat, NtiO2 in liquid polymer (provided by NanoFormula factory)

Certifications

Will be provided if necessary

Benefits for environment

Benefits for human being