

Title (en)

Knee-respectively elbow joint for toy figures particularly for dolls.

Title (de)

Knie- bzw. Ellenbogengelenk für Spielfiguren, insbesondere Spielpuppen.

Title (fr)

Articulation du genou, respectivement du coude pour figurines, en particulier pour poupées.

Publication

EP 0323832 B1 19950118 (DE)

Application

EP 89100064 A 19890104

Priority

DE 3800290 A 19880108

Abstract (en)

[origin: EP0323832A2] In the knee- or elbow joint for toy figures, the thigh or upper arm is connected to the lower leg or lower arm respectively via a ball which is held in trough-type joint sockets of the limbs. The underlying object is to design such a knee- or elbow joint in such a way that it guarantees complete mobility of the limbs, has the visual appearance of a human knee- or elbow joint, is simple to manufacture and assemble and increases the durability of the toy figure. This object is achieved in that the ball is divided in the longitudinal centre plane extending perpendicular to the kneecap or to the elbow, the two hemispherical sockets being mounted mutually rotatably on a horizontal axis extending parallel to the plane of the kneecap in such a way that one hemispherical socket is held on the thigh or upper arm and the other hemispherical socket is held on the lower leg or lower arm respectively. <IMAGE>

IPC 1-7

A63H 3/46

IPC 8 full level

A63H 3/46 (2006.01)

CPC (source: EP)

A63H 3/46 (2013.01)

Citation (examination)

DE 1703214 A1 19720105 - SCHILDKROET AG

Cited by

CN113117346A; US6893318B2; WO03004121A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0323832 A2 19890712; EP 0323832 A3 19910522; EP 0323832 B1 19950118; DE 3800290 A1 19890727; DE 3800290 C2 19910926; DE 58908890 D1 19950302; ES 2066795 T3 19950316

DOCDB simple family (application)

EP 89100064 A 19890104; DE 3800290 A 19880108; DE 58908890 T 19890104; ES 89100064 T 19890104