

Title (en)  
TOY TOP

Publication  
**EP 0361049 A3 19910703 (DE)**

Application  
**EP 89114972 A 19890812**

Priority  
DE 8812179 U 19880927

Abstract (en)  
[origin: EP0361049A2] The invention relates to a toy top with a standing foot (1), a standing shaft (4), which is held therein by means of its lower end (3), and a top body (6) which is mounted rotatably on said shaft. The standing shaft (4) engages vertically upwards through the tip part (9) of the top body (6) via a central bush-like bearing opening (12). The standing shaft (4) lies with its upper end (23) in a further, central bush-like bearing opening (14) in an insert part (11) fastened in the tip part (9). An axial slide bearing (24) between the standing shaft (4) and the insert part (11) is formed on the one hand by the upper end face (18) of the standing shaft (4) and on the other by a bearing ball (17) which is arranged on this end face (18) and which sits on the closed inner end (16) of the blind-hole type bearing opening (14) of the insert part (11), which opening is turned up over the upper end (23) of the standing shaft (4). <IMAGE>

IPC 1-7  
**A63H 1/00**

IPC 8 full level  
**A63H 1/00** (2019.01)

CPC (source: EP US)  
**A63H 1/00** (2013.01 - EP US)

Citation (search report)

- [A] WO 8602280 A1 19860424 - BOLZ GMBH & CO LORENZ [DE]
- [A] DE 8711361 U1 19880303
- [A] DE 1912423 U 19650318 - PAULSEN ALFRED ELEONHARD [US], et al

Cited by  
KR20180048355A; US10165786B2; WO2023068524A1

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