

Title (en)

SWIVEL ATTACHMENT OF SUPPLY VESSELS TO APPLICATORS

Title (de)

DREHBEFESTIGUNG FÜR VERSORGUNGSBEHÄLTER FÜR APPLIKATOREN

Title (fr)

FIXATION PAR PIVOTEMENT DE RECIPIENTS D'ALIMENTATION A DES APPLICATEURS

Publication

**EP 1558397 A4 20060913 (EN)**

Application

**EP 03809095 A 20031015**

Priority

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- US 60805803 A 20030627

Abstract (en)

[origin: WO2004035226A1] Apparatus and methods for swivel attachment of supply vessels to applicator devices are disclosed. In one embodiment, an apparatus includes an applicator device, a supply vessel having an interior volume, and a swivel assembly coupled between the supply vessel and the applicator device. The swivel assembly includes a first engagement member having a protruding portion and a first passageway disposed therethrough, and a second engagement member having a concavity and a second passageway disposed therethrough, the protruding portion being moveably engaged within the concavity such that the interior volume of the supply vessel fluidly communicates with the applicator device through the first and second passageways.

IPC 8 full level

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CPC (source: EP)

**B05B 7/2413** (2013.01); **B05B 7/2478** (2013.01)

Citation (search report)

- [XY] DE 3627336 A1 19880218 - BIRENHEIDE ERHARD [DE]
- [X] US 4035004 A 19770712 - HENGESBACH ROBERT W
- [Y] US 5655848 A 19970812 - CATRON WILLARD E [US]
- See references of WO 2004035226A1

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DOCDB simple family (publication)

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