

Title (en)

Foldable cover for large areas

Title (de)

Faltbarer Schirm zum Abdecken platzartiger Flächen

Title (fr)

Couverture pliable pour larges surfaces

Publication

**EP 1387025 B1 20070411 (DE)**

Application

**EP 03010708 A 20030513**

Priority

- DE 20211878 U 20020801
- DE 20304811 U 20030325

Abstract (en)

[origin: EP1387025A1] The folding umbrella consists of a central mast (1) to which umbrella-arms (8) are directly attached at equal angled distances or attached by a sliding ring (5) consisting of at least two opposite-facing hydraulic cylinders (6). The arms are swiveled by drive mechanisms between a folded-down position and a radial, star-shaped position, and support a folding membrane forming a canopy. Attachment tubes (7) are joined by links to a sliding-ring enclosing the mast.

IPC 8 full level

**E04H 15/28** (2006.01); **A45B 19/06** (2006.01); **A45B 23/00** (2006.01); **E04B 7/16** (2006.01)

CPC (source: EP)

**A45B 19/06** (2013.01); **A45B 23/00** (2013.01); **E04B 7/16** (2013.01); **E04H 15/28** (2013.01); **A45B 2023/0012** (2013.01)

Cited by

EP2153742A1; DE102008037842A1; CN113482382A; DE102008037842B4; DE202014104060U1; US9347219B2; WO2014140327A1; WO2007137595A1; WO2014001045A1

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