

Title (en)

LOCKING MECHANISMS FOR VESSELS FOR SWIMMING POOL AND SPA EQUIPMENT

Title (de)

VERRIEGELUNGSMECHANISMEN FÜR SCHIFFE FÜR SCHWIMMBAD- UND SPA-AUSRÜSTUNG

Title (fr)

MÉCANISMES DE VERROUILLAGE POUR RÉCIPIENTS D'ÉQUIPEMENT DE PISCINE ET DE SPA

Publication

EP 4165261 A1 20230419 (EN)

Application

EP 21769236 A 20210816

Priority

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- US 2021046139 W 20210816

Abstract (en)

[origin: US2022056907A1] Disclosed are improved locking mechanisms for vessels, including both pressure and vacuum/suction vessels, used in swimming pool and spa equipment. These improved locking mechanisms provide a more robust, reliable seal between the lid and the body of the vessel, and include features that make moving the vessel between its sealed and unsealed positions easier. More specifically, the locking mechanisms include features that allow the lid to move into its sealed position when the locking ring is rotated relative to the vessel in a first direction, and that allow the lid to release from its sealed position and lift off the body when the locking ring is rotated relative to the vessel in a second direction opposite the first direction.

IPC 8 full level

E04H 4/12 (2006.01); **B65D 43/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022040087A1

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BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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