

Title (en)

Swimming pool cover having reduced friction during slidable movement

Title (de)

Schwimmbeckenabdeckung mit verringerter Reibung während der Schiebebewegungen

Title (fr)

Couverture de piscine avec friction réduite pendant la translation

Publication

EP 1236846 A2 20020904 (EN)

Application

EP 01110841 A 20010504

Priority

- US 27265901 P 20010228
- US 84773901 A 20010502

Abstract (en)

A swimming pool cover for extension over and retraction from a swimming pool and where the cover may engage a portion of the deck surrounding the swimming pool during movement thereof. The swimming pool cover comprises a flexible fabric sheet of the type capable of being spooled or rolled and capable of being unrolled to extend over a swimming pool. The swimming pool cover is comprised of a sheet having a top surface and a bottom surface with the bottom surface extending over and potentially in contact with the upper surface of the water in the swimming pool. In order to reduce frictional effects between the bottom surface of the swimming pool cover and the upper surface of the deck, the swimming pool cover is provided with a surface configuration which is roughened to substantially reduce surface area contact of the sheet with the deck of the swimming pool. In this way, frictional effects between the cover and the deck are reduced during movement thereof. The bottom surface configuration may adopt any of a variety of forms, including ribs formed on the bottom surface of the sheet, a mesh screen-like substrate secured to the bottom surface of the sheet, or a plurality of projections similar to those of an artificial turf secured to the bottom surface of the sheet, etc. <IMAGE>

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E04H 4/10

IPC 8 full level

E04H 4/10 (2006.01)

CPC (source: EP US)

E04H 4/101 (2013.01 - EP US)

Citation (applicant)

- US 3060455 A 19621030 - LAMB JOE H
- US 4001900 A 19770111 - LAMB JOE H
- US 4464801 A 19840814 - LAMB JOE H [US]
- US 4939798 A 19900710 - LAST HARRY J [US]
- US 3277498 A 19661011 - KLEINBARD MYRON A, et al

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