

Title (en)

Improvements in and/or related to umbrellas and large umbrellas.

Title (de)

Regen- und Sonnenschirme.

Title (fr)

Parapluies et parasols.

Publication

**EP 0049226 A2 19820407 (EN)**

Application

**EP 81830169 A 19810921**

Priority

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- IT 2505780 A 19801001

Abstract (en)

The present invention relates to an improvement both to conventional umbrellas and beach umbrellas and relates to the arrangement and coupling of the ribs or said umbrellas. A first embodiment provides for using long ribs (11) effective to support the umbrella covering cloth (30), with one end thereof coupled to a sliding member (10, 43) effective to slide on the umbrella central rod (14), whereas the other end thereof is rigid with the covering cloth periphery, and short coupling ribs (12) having a fixed end pivoted to the central rod (14) and the other end thereof hinged to a respective supporting rib (11); the thus improved umbrella, in its opened condition resembles to a conventional umbrella, but, in the closed condition thereof, the covering cloth is inwardly folded. A further embodiment of the present invention, particularly effective for umbrellas provided with a rigid covering cloth, further comprises auxiliary coupling means (42, 45) effective to couple one end of the sliding member (10, 43) to a respective supporting rib (11), which latter are engaged there to by an engagement means (41, 51).

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