Energy-saving arrangement for twin-screw ships

Abstract

In order to create an improved arrangement (10) to reduce the propulsion-power requirement of a twin-screw ship comprising a first propeller (20) and a second propeller (21) and a first guiding device (30) and a second guiding device (31), wherein, in the forward direction (F) of the watercraft (100), the first guiding device (30) is arranged in front of the first propeller (20), and the second guiding device (31) is arranged in front of the second propeller (21), wherein the first propeller (20) and the second propeller (21) are attached to a first propeller shaft and to a second propeller shaft, and wherein the first propeller shaft defines a first propeller axis (22) and the second propeller shaft defines a second propeller axis (23), the first guiding device (30) and the second guiding device (31) each comprise at least one fin (32, 33), which extends from the propeller axes (22, 23), wherein the fin (32, 33) of the first guiding device (30) and of the second guiding device (31) extend outwardly to the sides of the watercraft (101, 102) respectively.

(Fig. 3)