

PROPULSION SYSTEM FOR VESSELS**ABSTRACT**

5 The propulsion system for vessels comprises at least one suction sail (3), said at least
one suction sail (3) comprising a suction system (10) and a transmission unit (8) to
drive the rotation of said suction sail (3), wherein the suction sail (3) comprises at least
two suction zones (7) arranged symmetrically on two sides of the suction sail (3), said
10 suction zones (7) comprising variable suction means. It provides a propulsion system
for vessels that allows reducing their fuel consumption and polluting emissions by
using an improved version of suction sails.

FIG. 7