

Title (en)  
WAVE ENERGY CONVERTER

Title (de)  
WELLENENERGIEWANDLER

Title (fr)  
CONVERTISSEUR D'ÉNERGIE HOULOMOTRICE

Publication  
**EP 4384699 A1 20240619 (EN)**

Application  
**EP 23748218 A 20230710**

Priority  
• EP 22204804 A 20221031  
• EP 2023069024 W 20230710

Abstract (en)  
[origin: EP4361431A1] Wave energy converter (1), comprising a floating unit (2) that floats on or near the fluid surface, wherein a piston (7) is movably arranged within the floating unit (2), a generator (26) that is assigned to the floating unit (2) and that is capable of producing electric energy when driven, and a subsea retardation unit (10) with a piston rod (12), extending from the subsea retardation unit (10) into the floating unit (2) and connected to the piston (7), wherein waves imparting motion on the floating unit (2) cause the floating unit (2) to move relative to the piston (7), thus generating a fluid flow capable of driving the generator (26).

IPC 8 full level  
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