

Title (en)  
PROPELLANT SUPPLY CIRCUIT AND COOLING METHOD

Title (de)  
TREIBMITTELZUFUHRSCHALTUNG UND KÜHLVERFAHREN

Title (fr)  
CIRCUIT D'ALIMENTATION EN ERGOL ET PROCEDE DE REFROIDISSEMENT

Publication  
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Application  
**EP 14703132 A 20140110**

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Abstract (en)  
[origin: WO2014108649A1] The invention relates to the aerospace field and, in particular, that of rocket-engine-propelled vehicles. In particular, the invention relates to a supply circuit (6) for supplying a rocket engine (2) with at least a first liquid propellant, said circuit comprising: at least a first buffer tank (20) for the first liquid propellant, and a first heat exchanger (18) which is built into the buffer tank (20) and can be connected to a cooling circuit (17) of at least one heat source in order to cool the heat source by transferring heat to the first propellant.

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See references of WO 2014108649A1

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