The RollingHeart has been conceived for long term biventricular circulatory support for bridge to transplant or as total artificial heart. It has the advantages of both volumetric pumps, such as pulsatility, and centrifugal pumps, such as small dimensions and low noise level. The absence of mechanical/biological valves and the low rotation rate should reduce the risk of thromboembolic events.

**INTELECTUAL PROPERTY**

PCT/EP2017/058154 patent application “Artificial heart and its drive unit” extended in national phases in Europe and US

Priority date: April 12, 2016

Applicant: the University Hospital of Lausanne

Inventors: P. Tozzi, E. Jonathan, A. Maertens, F. Avellan, V. Berruex

**COLLABORATION TYPE**

PACTT offers to grant exclusive or non exclusive license to industrial partners able to develop and commercialize the technology.

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**REFERENCE**

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