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(54) **EXTERNAL DRIVE UNIT FOR AN IMPLANTABLE HEART ASSIST PUMP**

EXTERNE ANTRIEBSEINHEIT FÜR EINE IMPLANTIERBARE HERZUNTERSTÜTZUNGSPUMPE

UNITÉ D'ENTRAÎNEMENT EXTERNE POUR UNE POMPE D'ASSISTANCE CARDIAQUE
IMPLANTABLE

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(73) Proprietor: **ECP Entwicklungsgesellschaft mbH**
52074 Aachen (DE)

(72) Inventors:
• **Schumacher, Jörg**
14513 Teltow (DE)

- **Spanier, Gerd**
52074 Aachen (DE)
- **Sieß, Thorsten**
52074 Aachen (DE)
- **Daschewski, Maxim**
14197 Berlin (DE)
- **Wang, Jim-Po**
Danvers, MA Massachusetts 01923 (US)

(74) Representative: **Pfenning, Meinig & Partner mbB**
Patent- und Rechtsanwälte
Joachimsthaler Straße 10-12
10719 Berlin (DE)

(56) References cited:
US-A1- 2006 247 738 US-A1- 2007 106 274
US-A1- 2015 073 509 US-A1- 2016 213 827

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