## UK Patent Application (19) GB (11) 2 399 225 (13) A

(43) Date of A Publication

08.09.2004

(21)	Application No:			04097	05.1
(22)	Date of Filing:			13.05.2003	
	Date Lodged:			30.04.	2004
(30)	Priority Data: (31) <b>0210886</b> (31) <b>0213024</b> (31) <b>0225006</b> (31) <b>0228425</b>	(32) (32) (32) (32)	13.05.2002 07.06.2002 28.10.2002 06.12.2002	(33)	GB
(62)	Divided from Application No				

- 0310956.8 under Section 15(4) of the Patents Act 1977
- (71) Applicant(s): Splashpower Limited (Incorporated in the United Kingdom) St John's Innovation Centre, Cowley Road, CAMBRIDGE, CB4 0WS, **United Kingdom**

(continued on next page)

- (51) INT CL7: H01F 38/14 // H02J 7/02 , H04B 5/00
- (52) UK CL (Edition W): **H1T** T1C T1F T12 T6 T7A11 T7A13 T7A2A T7A2B T7A5 T7C1A T7C5
- (56) Documents Cited: SE 008704910 A US 6100663 A US 3673334 A
- (58) Field of Search: UK CL (Edition W) H1T INT CL7 H01F, H02J, H04B Other:

#### (54) Abstract Title: Inductive power transfer system having a horizontal magnetic field

(57) A primary unit for use in a power transfer system has a power transfer surface shaped and arranged such that a secondary device 820, separable from the primary unit, can be placed in a working disposition on or in proximity to a power transfer area of the surface to receive power from the primary unit without requiring direct electrical conductive contacts between the primary unit and the secondary device. The primary unit comprises a field generating unit having a plurality of substantially coplanar conductive elements 711 arranged at or beneath the power transfer surface in a generating area. The elements extend generally in parallel with one another across the generating area, and generate an electromagnetic field 1 distributed across the power transfer area. The respective instantaneous currents which flow simultaneously through all the conductive elements in the generating area have the same general direction.

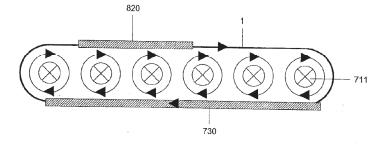


Figure 4d

Original Printed on Recycled Paper

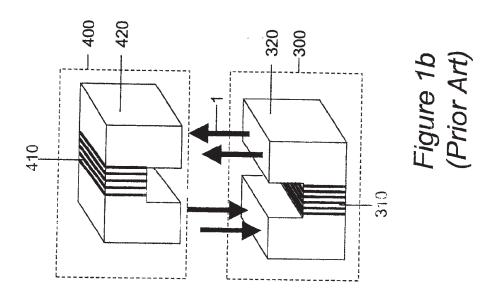


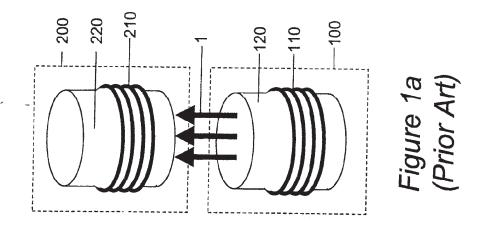
#### GB 2399225 A continuation

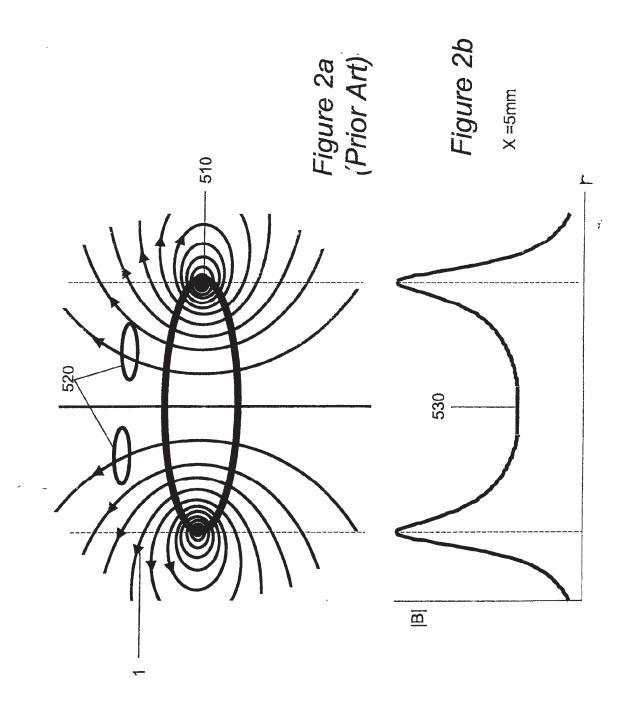
(72) Inventor(s):Lily Ka-lai ChengJames Westwood HayPilgrim Giles William Beart

(74) Agent and/or Address for Service: Haseltine Lake & Co Imperial House, 15-19 Kingsway, LONDON, WC2B 6UD, United Kingdom









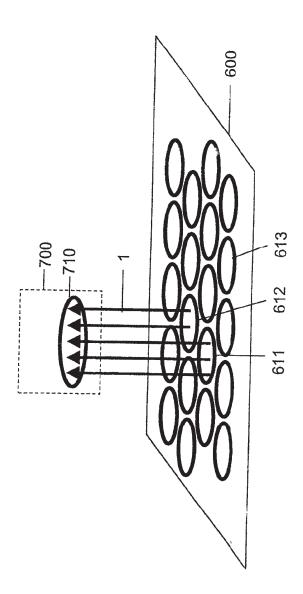


Figure 3



# DOCKET A L A R M

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

