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(71) Applicant *(for all designated States except US)*: **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **ANDREWS, Peter, James** [GB/GB]; 17 Donnington Place, Belmont Park, Wantage, Oxfordshire OX12 9YE (GB). **BEECH, Philip, Michael** [GB/GB]; 3 Darebt Place, Ladygrove, Didcot, Oxfordshire OX11 7HQ (GB). **MARTIN, Anthony, Robert** [GB/GB]; 17 Hamble Drive, Abingdon, Oxfordshire OX14 3TF (GB). **NG, Ka, Lok** [GB/GB]; 8 Harwich Close, Lower Earley, Reading, Berkshire RG6 3UD (GB). **SHAWCROSS, James, Timothy** [GB/GB]; 27 Ticknell Piece Road, Charlbury, Oxfordshire OX7 3TN (GB). **WEEKS, David, Michael** [GB/GB]; 60 Blandy Avenue, Southmoor, Abingdon, Oxfordshire OX13 5DB (GB). **REYNOLDS, David, Allen** [GB/GB]; 6 Sherwood Road, Didcot, Oxfordshire OX11 0BU (GB).

(74) Agents: **LOFTING, Marcus, John** et al.; AEA Technology plc, Patents Dept., 329 Harwell Didcot, Oxfordshire OX11 0RA (GB).

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(54) Title: DIELECTRIC BARRIER GAS REACTORS WITH NON-AXIAL FLOW

(57) Abstract: A dielectric barrier reactor for the plasma-assisted processing of a gaseous medium in which the gaseous medium is constrained to pass between the co-axial electrodes with axial, radial and circumferential gas flow components combinations of which result in the gas flow being at least partially helical and/or spiral.