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(71) Applicant (for all designated States except US):
COOPER TECHNOLOGIES COMPANY [US/US];
600 Travis, Suite 5600, Houston, Texas 77002 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PRICE, Les** [GB/GB]; 6 East Hill Road, Houghton Regis, Bedfordshire LU5 5EQ (GB). **FWLSTON, Stephen** [GB/GB]; 38 Jupiter Drive, Leighton, Buzzard LU7 3XA (GB). **WILLIAMS, David Gareth** [GB/GB]; 35 Dammersey Close, Markyate, Hertfordshire AL3 8JS (GB).

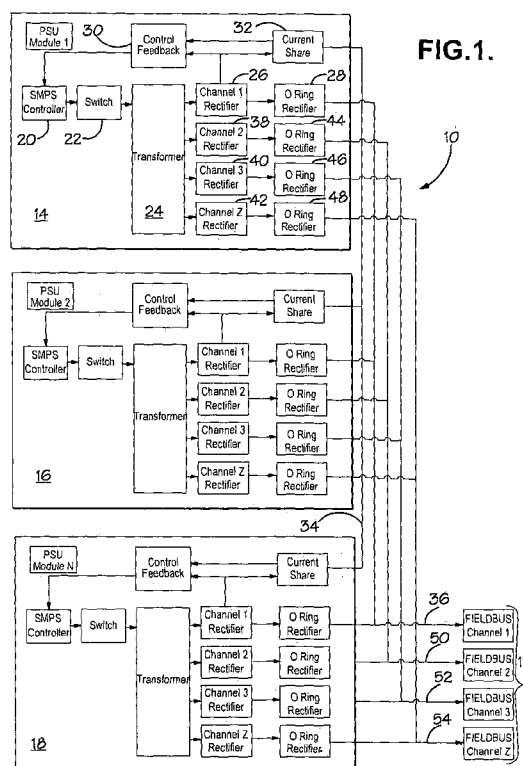
(74) Agent: **W.P. THOMPSON & CO.**; 55 Drury Lane, London WC2B 5SQ (GB).

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(54) Title: POWER SUPPLY



(57) Abstract: The invention can provide for a power supply, and in particular a fieldbus power supply, comprising a plurality of power supply modules each arranged to output power on a plurality of channels; a current share controller arranged to share an output current requirement across the plurality of power supply modules and wherein; at least a second of the plurality of channels in each module is arranged to track the loading of the first of the plurality of channels in each respective module and so that a multichannel and multimodule power supply with reduced power handling requirements for each module can be provided.



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