

Title (en)
AID FOR WELDING OR CUTTING

Title (de)
HILFSVORRICHTUNG ZUM SCHWEISSEN ODER SCHNEIDEN

Title (fr)
DISPOSITIF AUXILIAIRE POUR LE DECOUPAGE OU LE SOUDAGE

Publication
EP 1294525 A1 20030326 (EN)

Application
EP 00940050 A 20000630

Priority
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Abstract (en)
[origin: WO0181037A1] Products for aiding welding or high temperature cutting operations comprise a workpiece marker and a welding or cutting aid system. The marker includes a luminescent material which is excited by UV radiation generated during arc welding to emit light in the visible spectrum, e.g. orange light. The aid system includes a light filter matched to the visible emission wavelength of the marker interposed in the light path, e.g. adjacent the dark filter of a welder's mask. The marker is used to mark a weld or cutting path trace visible to the welder during the operation. A method of aiding a welding or cutting operation using the marker and matched light filter is also provided.

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