

Title (en)
RADIATION APPARATUS

Title (de)
BESTRAHLUNGSEINRICHTUNG

Title (fr)
DISPOSITIF D'EXPOSITION AUX RAYONS ULTRAVIOLETS

Publication
EP 1744882 A2 20070124 (DE)

Application
EP 05745703 A 20050504

Priority
• EP 2005004888 W 20050504
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Abstract (en)
[origin: WO2005105448A2] Disclosed is a radiation apparatus for technical uses, especially a UV crosslinking apparatus of a printing press, coating machine, or similar. Said radiation apparatus comprises at least one radiation source emitting a processing radiation, at least one controllable and particularly wavelength-selective reflector which is assigned to the radiation source and is used for selectively directing the processing radiation onto a substrate that is to be processed or away therefrom, a driving mechanism which is effectively connected to the reflector, and a housing accommodating at least the at least one radiation source and the at least one reflector. At least one first and second radiation source are provided between which the controllable reflector is disposed and which can be operated above all in a separate manner. The reflector is formed and mounted so as to direct the processing radiation of all radiation sources towards the substrate in a first position while directing the processing radiation of all radiation sources away from the substrate in a second position.

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