

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  
• DE 102004021845 A 20040504

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.

IPC 8 full level  
**B41F 23/04** (2006.01); **B01J 19/12** (2006.01); **F26B 3/28** (2006.01)

CPC (source: EP US)  
**B41F 23/0409** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005105448A2

Cited by  
DE102010046758A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 2005105448 A2 20051110; WO 2005105448 A3 20060406**; CN 100556694 C 20091104; CN 101027185 A 20070829; DE 502005008677 D1 20100121; EP 1744882 A2 20070124; EP 1744882 B1 20091209; US 2007214986 A1 20070920; US 7692170 B2 20100406

DOCDB simple family (application)  
**EP 2005004888 W 20050504**; CN 200580019761 A 20050504; DE 502005008677 T 20050504; EP 05745703 A 20050504; US 57925605 A 20050504