

Title (en)  
Laser sorter

Title (de)  
Laserstrahlsortierer

Title (fr)  
Dispositif de tri par laser

Publication  
**EP 2868397 A1 20150506 (EN)**

Application  
**EP 13005264 A 20131031**

Priority  
EP 13005264 A 20131031

Abstract (en)  
Laser sorter consists of a material carrier (1), collimated laser illumination source (3), image read-and-process device, device for removing defected material (6). It additionally comprises cylindrical lens (4) arranged so that a formed flat ray (5) illuminates the area of the image reading the sorted material (2).

IPC 8 full level  
**B07C 5/342** (2006.01)

CPC (source: EP)  
**B07C 5/342** (2013.01)

Citation (applicant)  
• US 6509537 B1 20030121 - KRIEG GUNTHER [DE], et al  
• US 6864970 B1 20050308 - RUYMEN MARC J [BE], et al  
• US 2010046826 A1 20100225 - DIRIX BERT [BE], et al

Citation (search report)  
• [X] US 5865990 A 19990202 - NOVAK THOMAS JOSEPH [US], et al  
• [A] WO 2013095088 A1 20130627 - UNIV DELFT TECH [NL], et al  
• [A] WO 0070331 A1 20001123 - KRIEG GUNTHER [DE], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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