

Title (en)  
Optical sorting of objects

Title (de)  
Optische Sortierung von Gegenständen

Title (fr)  
Tri optique d'objets

Publication  
**EP 0402543 B1 19960522 (EN)**

Application  
**EP 89305989 A 19890613**

Priority  
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Abstract (en)  
[origin: EP0402543A1] A sorter is described that optically differentiates acceptable objects from unacceptable objects. The sorter illuminates the objects as they move in a stream through a viewing zone with both visible and infrared light. The detecting means and circuit provides electric signals proportional to the light transmitted or reflected by the objects to a microcomputer system which in turn activates a rejection mechanism if unacceptable objects are viewed. The microcomputer system determines which objects are unacceptable by comparing signals for objects being viewed with stored signals for acceptable objects.

IPC 1-7  
**B07C 5/342**

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

CPC (source: EP)  
**B07C 5/3425** (2013.01)

Cited by  
US6087608A; US5448363A; US5692621A; US5873470A; US6078018A; WO9311882A1; WO9614168A1

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