

Title (en)  
Improvements in particle separators.

Title (de)  
Partikelabscheider.

Title (fr)  
Séparateur de particules.

Publication  
**EP 0329865 A1 19890830 (EN)**

Application  
**EP 88300607 A 19880126**

Priority  
AU 7677287 A 19860811

Abstract (en)  
A particle separator (1) which uses differences in kinetic energy to achieve separation. Particles of different size or density are accelerated by being placed on a belt (4;20) or passed between pinch rollers (30,31) so that they are all projected at the same speed. Differences in size or density cause particles to travel different distances to be collected in different hoppers (11-14). In some instances a light cross current of air (41;46) may be used to remove dust or other light material. The separator can be used, for example, for grain separation.

IPC 1-7  
**B07B 13/10**; **B07B 4/02**

IPC 8 full level  
**B07B 4/02** (2006.01); **B07B 13/10** (2006.01)

CPC (source: EP)  
**B07B 4/025** (2013.01); **B07B 13/10** (2013.01)

Citation (search report)

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