

Title (en)
Separator for industrial waste

Title (de)
Abscheider für industriellen Abfall

Title (fr)
Séparateur pour déchets industriels

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Application
EP 98105192 A 19980323

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Abstract (en)
The present invention relates to a ballistic waste separator. The separator includes an inclining shaker table with at least four screen elements (1). The material mix which is to be separated is released onto the screen elements (1). These execute a rotational movement with an amplitude and at a speed which result in hard material bouncing on the elements (1) and being discharged at the lower end (6) while soft and flexible material which does not bounce against the shaker table migrates upwards and is discharged at the upper end (5). The screen elements (1) are driven by a drive motor (10) via crankshaft arrangements as a synchronous unit in such a manner that every second element assumes the highest and lowest position simultaneously. Each crankshaft arrangement includes two crankshafts (12) interconnected via an intermediate shaft (13) and a transmission (14). Each crankshaft (12) does not support more than two or three screen elements (1). <IMAGE>

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Cited by
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