

Title (en)
Laboratory sieving device.

Title (de)
Laborsiebmaschine.

Title (fr)
Dispositif de tamisage de laboratoire.

Publication
EP 0642844 A3 19951004 (DE)

Application
EP 94114272 A 19940910

Priority
DE 4331028 A 19930913

Abstract (en)
[origin: EP0642844A2] To improve the sieving result, in a sieving machine with a three-dimensional sieving motion, with a sieve carrier (19) for the at least one sieve tray (22), the sieve carrier arranged moveably relative to the housing (10) and loaded by an electromagnet (26) as a drive being supported relative to the housing by means of springs (18), provision is made for designing the springs as leaf springs (18) which extend in a plane parallel to the baseplate of the sieve carrier (19) and of which the clamping points (17, 21) on the housing (10, 16) on the one hand and on the sieve carrier (19, 20) on the other hand are arranged tilted by an angular amount in relation to the horizontal baseplate plane, so that the spring surfaces (18a) of the leaf springs (18) have a run which is correspondingly tilted out of their running plane about their longitudinal axis. <IMAGE>

IPC 1-7
B07B 1/42; **B07B 1/06**

IPC 8 full level
B07B 1/06 (2006.01); **B07B 1/42** (2006.01); **B07B 1/46** (2006.01)

CPC (source: EP)
B07B 1/06 (2013.01); **B07B 1/42** (2013.01); **B07B 1/46** (2013.01)

Citation (search report)
• [A] DE 4012902 C1 19910418
• [A] NL 96882 C

Cited by
CN112474270A; CN106807626A; CN107096715A; DE10134871A1; DE10134871B4; US7147109B2; WO03008112A1

Designated contracting state (EPC)
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