

Title (en)
Screen for screening machines

Title (de)
Siebboden für Siebmaschinen

Title (fr)
Crible pour des machines de criblage

Publication
EP 0867235 A3 19990804 (DE)

Application
EP 98100836 A 19980120

Priority
DE 19712883 A 19970327

Abstract (en)
[origin: EP0867235A2] The sieve base comprises a sieve mesh (13) formed of wire mesh. The sieve mesh is fixed by tension elements at defined edge areas. At least one edge area is connected to the associated tension element (11) by a flexible buffer element (15), which applies tensile forces. All of the fixed edge areas can be connected by the buffer elements. The buffer element consists of elastically deformable plastics. A tension fabric (14) can be fitted on the buffer element on the side opposite the screen base (10). The tension elements can comprise two profiled rods, between which the edge of the buffer element is clamped.

IPC 1-7
B07B 1/48

IPC 8 full level
B07B 1/48 (2006.01)

CPC (source: EP)
B07B 1/48 (2013.01)

Citation (search report)
• [XY] US 1737243 A 19291126 - HOUSTON HENRY B
• [YA] US 5310482 A 19940510 - SATHER STANLEY H [CA]
• [YA] US 2693205 A 19541102 - COULTER CLARENCE D
• [YA] DE 2740925 A1 19790322 - HEIN LEHMANN AG
• [XA] GB 552632 A 19430416 - JOHN SPEIGHT
• [X] BE 407589 A
• [A] DE 3811641 A1 19881027 - HEIN LEHMANN AG [DE]
• [A] FR 2391760 A1 19781222 - DERRICK MFG CORP [US]

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0867235 A2 19980930; EP 0867235 A3 19990804; DE 19712883 A1 19981001; NO 981378 D0 19980326; NO 981378 L 19980928

DOCDB simple family (application)
EP 98100836 A 19980120; DE 19712883 A 19970327; NO 981378 A 19980326