

Title (en)  
SCREENING SYSTEM

Publication  
**EP 0081471 B1 19870722 (EN)**

Application  
**EP 82850244 A 19821129**

Priority  
• SE 8107293 A 19811207  
• SE 8201272 A 19820302

Abstract (en)  
[origin: EP0081471A1] The screening system comprises a screen frame (7) with supporting elements (9) for a screen deck (1) fastened in the frame. The screen deck comprises several elongated screen elements placed adjacent each other. Included in the screen elements are stiffening elements. The stiffening elements are prestressed against the supporting elements by elastic deformation upon mounting in the frame. They can be plastically deformed in a direction opposite to this elastic deformation. The spring-back force resultant of the elastic deformation can be at least as large as an inertia resultant acting on the screen deck in the opposite direction, when the screen deck is used in a dynamic screening machine.

IPC 1-7  
**B07B 1/46**; **B07B 1/48**; **B07B 1/49**

IPC 8 full level  
**B07B 1/46** (2006.01); **B07B 1/48** (2006.01); **B07B 1/49** (2006.01)

IPC 8 main group level  
**B07B** (2006.01)

CPC (source: EP)  
**B07B 1/4645** (2013.01); **B07B 1/48** (2013.01); **B07B 1/49** (2013.01)

Cited by  
EP4176981A1; CN102873025A; EP2081697A4; US6685028B1; WO0066281A1; WO9626017A1

Designated contracting state (EPC)  
AT BE DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0081471 A1 19830615**; **EP 0081471 B1 19870722**; AT E28414 T1 19870815; AU 1016083 A 19830630; AU 554492 B2 19860821; CA 1202602 A 19860401; DE 3276789 D1 19870827; DK 151461 B 19871207; DK 151461 C 19880530; DK 278683 A 19830623; DK 278683 D0 19830616; ES 517937 A0 19830816; ES 8308232 A1 19830816; FI 73901 B 19870831; FI 73901 C 19871210; FI 831639 A0 19830511; FI 831639 L 19830608; JP S58502040 A 19831201; NO 156438 B 19870615; NO 156438 C 19870923; NO 831442 L 19830623; WO 8302075 A1 19830623

DOCDB simple family (application)  
**EP 82850244 A 19821129**; AT 82850244 T 19821129; AU 1016083 A 19821129; CA 416949 A 19821203; DE 3276789 T 19821129; DK 278683 A 19830616; ES 517937 A 19821206; FI 831639 A 19830511; JP 50003183 A 19821129; NO 831442 A 19830425; SE 8200406 W 19821129