

Title (en)  
PROCESS FOR SORTING GRAIN OR SEED MATERIAL AND SORTING PLANT

Publication  
**EP 0020761 B1 19820609 (DE)**

Application  
**EP 80900550 A 19800924**

Priority  
CH 212779 A 19790305

Abstract (en)  
[origin: EP0015633A1] Process and plant for sorting grain or seed material such as coffee beans. The main problem when sorting such materials, lies in the shape of the grains which is far from being round, resulting in the grains going through the meshes of a sieve also depending on their position relative to the sieve. During the first stage of the process disclosed, foreign materials are removed from the material to be sorted which is then sorted in a moving sieve (15, 16) preferably linear. The vibrating motion, in relation with barrier baffle, provides a spreading of the material on the surface of the sieve and forces the grain to move along the longitudinal axis thereof. Thus, the probability for the grains to traverse the meshes of the sieve by their smaller cross section is increased. The efficiency of the screening operation is thereby increased. The installation comprises on the top of sieve (15, 16) barrier baffles (21) transversal to the motion of the material, and preferably made of elastic material such as rigid rubber.

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**B07B 13/05**; **B07B 1/30**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
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**EP 0015633 A1 19800917**; **EP 0015633 B1 19811125**; BR 8007232 A 19810203; DE 3060512 D1 19820729; DK 419980 A 19801003; EP 0020761 A1 19810107; EP 0020761 B1 19820609; JP S56500324 A 19810319; WO 8001885 A1 19800918

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