

Title (en)
A PROCESS FOR TREATING SOYABEANS

Publication
EP 0052218 B1 19850508 (DE)

Application
EP 81108005 A 19811007

Priority
CH 818680 A 19801104

Abstract (en)
[origin: US4556573A] A method for the recovery of soybean oil of soybean meal from soybeans wherein the soybeans are processed by breaking so that they are flaked prior to extraction. During processing the soybeans are heated-up in a first of two successively arranged fluidized beds with a rapidity such that the hulls or shells detach from the seeds or kernels and there is obtained a homogeneous heating of all of the soybeans. The heated-up soybeans are either directly conveyed into the second fluidized bed where they are maintained in a heated condition and from which location they are infed in a heated state to a breaking or crushing mill where they are crushed and then to a flaking device for the subsequent flaking thereof. It is also possible to undertake along the conveying path from the first fluidized bed to the second fluidized bed a mechanical hulling operation at the soybeans where the hulls are separated from the seeds and the seed portions or kernels are delivered into the second fluidized bed. At that location the seed portions or kernels are maintained in a heated condition and then they are delivered in a heated state to the breaking mill where they are crushed and then to the flaking device where they are subsequently flaked. Processing is accomplished continuously and the material is only heated-up one time, and specifically, in the fluidized beds.

IPC 1-7
C11B 1/04; B02B 1/08

IPC 8 full level
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CPC (source: EP US)
B02B 1/08 (2013.01 - EP US); **C11B 1/04** (2013.01 - EP US)

Citation (examination)
• DE 2354617 B2 19800514
• US 3220451 A 19651130 - BOLLENS WALTER F, et al

Cited by
WO2011047664A1; DE102009050070B3; EP0338940A3; DE3544387A1; DE3305168A1; GB2131275A

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