Title (en)
METHOD AND A DEVICE FOR SORTING AND DRY CLEANING WHEAT

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Application
EP 86117028 A 19861208

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IT 2314485 A 19851209

Abstract (en)
[origin: EP0247237A2] The invention concerns a method comprising the following steps: a) a first step of wheat accumulation and dwell; b) a step of layering the wheat over a first vibrating screen having smaller size holes than the wheat size and being swept by an ascending air stream; c) a step of separating the heavy wheat fraction by passing through a second vibrating screen having larger size holes than the wheat size and being swept by an ascending air stream; d) a second step of wheat light fraction accumulation and dwell which did not go through said vibrating screen during step (c); and e) a step of dropping the wheat from step (d), said dropping being in the form of a thin layer and in countercurrent with respect to an ascending air stream; and a device comprising a loading well, two vibrating screens, a discharge well, and a suction channel. The invention affords large power savings and considerable reduction of the whole wheat cleaning system vertical height.

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CPC (source: EP)
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