

Title (en)

METHOD AND DEVICE FOR SEPARATING FOREIGN ADMIXTURES FROM A PRODUCT FLOW

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ABTRENNUNG ARTFREMDER BEIMENGUNGEN AUS EINEM PRODUKTSTROM

Title (fr)

PROCEDE ET DISPOSITIF POUR SEPARER DES SUBSTANCES ETRANGERES CONTENUES DANS UN FLUX DE PRODUIT

Publication

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Application

EP 04791095 A 20041030

Priority

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- DE 10352526 A 20031105

Abstract (en)

[origin: WO2005049231A2] The invention relates to a method and a device for separating foreign admixtures from a product flow that is particularly composed of steam-peeled or abrasively peeled potatoes or other field crops. The aim of the invention is to create a device which allows foreign admixtures to be separated effectively and with comparatively little effort while ensuring high product throughputs. Said aim is achieved by first charging the product flow (K) comprising admixtures in a loosened manner and in a single layer onto a first moving belt conveyor (B1) while mounting a second belt conveyor (B2) downstream of the first belt conveyor (B1) at the discharge end (B18), the direction of travel of the second belt conveyor (B2) being defined substantially perpendicular to the direction of travel of the first belt conveyor (B1). The speed of travel of the second belt conveyor (B2) is greater than the speed of travel of the first belt conveyor (B1) while the width (bB1) of the first belt conveyor (B1) is smaller than the width (bB2) of the second belt conveyor (B2), and at least the second belt conveyor (B2) is provided with a certain minimum moisture.

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IPC 8 full level

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