Title (en)
MEASUREMENT APPARATUS FOR MASS FLOW DETECTION OF HARVESTED CROPS

Title (de)
MESSANORDNUNG ZUR MASSENDURCHSATZERFASSUNG VON ERNTEGUT

Title (fr)
DISPOSITIF DE MESURE SERVANT À DÉTECTER LE DÉBIT MASSE DE PRODUITS DE RÉCOLTE

Publication
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Application
EP 09729210 A 20090407

Priority
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Abstract (en)
[origin: WO2009124919A1] Measurement apparatus for detecting mass flow of harvested crops (68) conveyed by way of a conveyor (38), comprising: A first measurement device (56) for weighing the conveyor (38) with the conveyed harvested crops (68), a second measurement device (58) for determining the volume of the harvested crops (68) conveyed by the conveyor, and a computer device (54) for determining the mass density of the harvested crops (68). It is proposed that the computer device (54) be operable for determining and outputting mass flows based on the current measurements from the first measurement device (56) when flows are above a pre-determined threshold value, said mass flows otherwise being based on the current measurements from the second measurement device (58) and on a value for the mass density of the harvested crops determined for the flow last exceeding the threshold value.

IPC 8 full level
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A01D 41/1271 (2013.01 - EP US); **G01F 1/002** (2013.01 - EP US); **G01F 1/86** (2013.01 - EP US); **G01F 9/003** (2013.01 - EP US); **G01F 13/003** (2013.01 - EP US); **G01G 11/16** (2013.01 - EP US); **G01G 19/12** (2013.01 - EP US); **G01G 23/3728** (2013.01 - EP US); G01N 9/02 (2013.01 - EP US)

Citation (search report)
See references of WO 2009124919A1

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