

Title (en)

SYSTEM AND METHOD FOR ESTIMATING A HARVEST VOLUME IN A VINEYARD OPERATION

Title (de)

SYSTEM UND VERFAHREN ZUR SCHÄTZUNG EINES ERNTEVOLUMENS IN EINEM WEINGUTBETRIEB

Title (fr)

SYSTÈME ET MÉTHODE POUR L'ESTIMATION D'UN VOLUME DE RÉCOLTE AU SEIN D'UNE EXPLOITATION VITICOLE

Publication

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Application

EP 16733646 A 20160530

Priority

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Abstract (en)

[origin: WO2016193602A1] The invention concerns a system (S) for estimating a harvest volume in a vineyard operation organised into rows (R1, R2, R3) of vine stocks, comprising; a photographic device (DP) for capturing a photographic image of a set (E) of stocks when the system passes between two rows (R1, R2) of the vineyard operation; means (Dd) for measuring a distance (d) between the vine stocks and the photographic device (DP); calculation means (MC) for detecting the berries within the photographic image, determining a number of berries in a bunch, determining a number of bunches on a stock and determining an indicator of the volume depending on the number of berries in a bunch, the number of bunches on a stock and the diameter of the berries determined from the photographic image and the distance measurement.

IPC 8 full level

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Citation (search report)

See references of WO 2016193602A1

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