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Alessandro Leone, Roberto Romaniello, Riccardo Zagaria, Antonia Tamborrino

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Mathematical modelling of the performance parameters of a new decanter centrifuge generation.

Alessandro Leone^a, Roberto Romaniello^{a*}, Riccardo Zagaria^a, Antonia Tamborrino^b.

^a*Department of the Science of Agriculture, Food and Environment, University of Foggia, Via Napoli, 25 - 71122 Foggia, ITALY.*

^b*Department of Agricultural and Environmental Science, University of Bari Aldo Moro, Via Amendola 165/A – 70126 Bari, ITALY.*

*Corresponding author: Roberto Romaniello

Tel.: +39 0881 589120

E-mail address: roberto.romaniello@unifg.it

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Abbreviations

ω Bowl rotation speed

Ω Screw rotation speed

Δn Conveyor-bowl differential speed

cyl Length of the bowl cylindrical section

con Length of the bowl conical section

rb Bowl radius

rs Solis discharge radius

ro Olive oil discharge radius

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