

Title (en)
MEASURING UNIT

Title (de)
MESSEINHEIT

Title (fr)
UNITÉ DE MESURE

Publication
EP 4018153 A1 20220629 (DE)

Application
EP 20751109 A 20200731

Priority
• DE 102019122651 A 20190822
• EP 2020071667 W 20200731

Abstract (en)
[origin: WO2021032444A1] A measuring system for acquiring measured values by scanning, wherein the measuring system comprises a measuring instrument, wherein the measuring system is designed such that it can be arranged on a movement axis of a machine, wherein the machine is embodied as a machine tool or as a measuring machine, wherein an object to be measured can be measured with the measuring instrument, wherein during the measurement of the object to be measured the measuring instrument generates a measured value, wherein the measuring system comprises a control unit, wherein the control unit can process and store the measured value, wherein the measuring system comprises a memory unit for storing the acquired measured value. The measuring system is characterized in that the measuring system is designed to correlate a first measured value with a first position coordinate of the measuring instrument which is arranged on the machine, wherein the measuring system is designed to assign, on the basis of the correlation of the first measured value with the first position coordinate, position coordinates to further measured values, acquired by the measuring instrument, solely by virtue of the fact that a movement speed and a direction of movement of the measuring instrument are known to the measuring system during or upon sensing of the measured values.

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CPC (source: EP)
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