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(71) Applicant: **CAMFIL AB** [SE/SE]; Industrigatan 3, S-619
33 Trosa (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MAHLER, Axel**
[DE/DE]; Camfil KG, P.o.box 1164 Feldstrasse 26-32,
D-23858 Reinfeld (DE).

(74) Agent: **ALBIHNS STOCKHOLM AB**; P.o.Box 5581
Linnégatan 2, S-114 85 Stockholm (SE).

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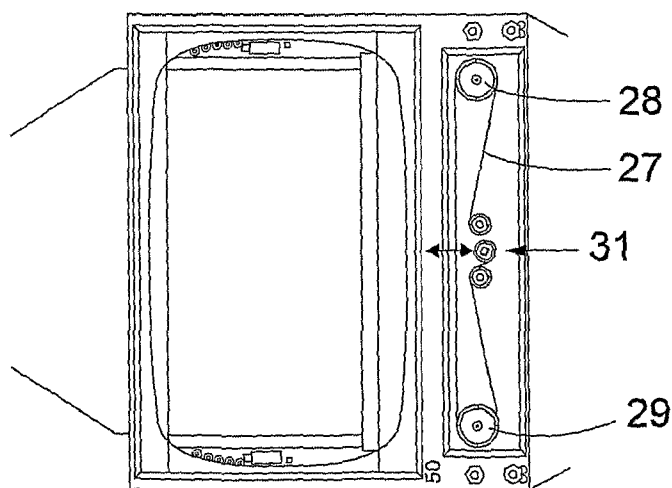
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(54) Title: AIR FILTER HOUSING WITH MEANS FOR MEASURING PARTICLE CONCENTRATION



(57) Abstract: The present invention relates to an air
filter housing (1) having at least one filter chamber (2, 3)
for receiving at least one filter unit (F), said filter cham-
ber having an inlet end and an outlet end, and means (18,
19) for measuring particle concentration in the air leav-
ing the filter chamber. According to the invention said
measuring means (18, 19) include a row of several par-
ticle detectors (20) affixed to a common support (21),
means (23-31) for moving said support in a direction
perpendicular to said row of detectors, and means for
connecting each of said detectors to a counter.