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Application  
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Abstract (en)  
[origin: WO8907739A1] The present invention concerns an air distribution unit (10), comprising an external envelope (11) and an air inlet duct (12), and outlet duct (17). From the inlet duct (12) the air is disposed to flow into a sound absorption chamber (13), said sound absorption chamber (13) comprising an obliquely positioned sound absorption surface, advantageously a sound absorption plate (14), that the air after entering the air absorption chamber (13) flows in a space of the sound absorption chamber (13), tapering in cross-section (I-I), and flows from the air absorption chamber (13) into the air outlet chamber (15) of the air distribution chamber (13), and hereby changes its flow direction for at least 90 DEG , substantially over 90 DEG .

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IPC 8 full level  
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