

Title (en)

WALL AND FUNCTIONAL ELEMENT FOR REDUCING FINE DUST POLLUTION

Title (de)

WAND UND FUNKTIONSELEMENT ZUR VERRINGERUNG DER FEINSTAUBBELASTUNG

Title (fr)

PAROI ET ÉLÉMENT FONCTIONNEL DESTINÉS À RÉDUIRE L'ACCUMULATION DE POUSSIÈRES FINES

Publication

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Application

EP 16739416 A 20160716

Priority

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Abstract (en)

[origin: WO2017008914A1] A wall for reducing fine dust pollution has posts (2, 92, 102, 112), wherein a plurality of functional elements (3, 33, 43, 73, 83, 93, 103) are retained in each case between two adjacent posts (2, 92, 102, 112) for the purpose of reducing the fine dust pollution. The functional elements (3, 33, 43, 73, 83, 93, 103) have at least one functional side (4) serving for reducing the fine dust pollution. The functional elements (3, 33, 43, 73, 83, 93, 103) have a dimensionally stable main body (5, 35, 45), which is formed by an upper side (6), an underside (7) and at least one side which connects the upper side (6) and underside (7). A plant-based functional layer (9) is secured to the main body (5, 35, 45), on the functional side (4). The wall (1) has a collecting device (10) for collecting rainwater. An irrigation device (11), by means of which the rainwater collected is fed to the functional layer (9), is provided.

IPC 8 full level

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