

Title (en)

SET OF ELEMENTS FOR THE CONSTRUCTION OF A NOISE BARRIER COVERED WITH VEGETATION

Publication

EP 0389973 B1 19921223 (DE)

Application

EP 90105504 A 19900323

Priority

DE 8903817 U 19890328

Abstract (en)

[origin: EP0389973A1] A set of elements for the construction of a self-supporting or free-standing noise barrier which can be planted with vegetation has a number of troughs (1) which are to be arranged above one another and can be planted with vegetation and the bottoms (6) of which have penetration openings for water, it being possible for the side walls of the troughs (1) to stand vertically or at an angle. On their end sides, the troughs (1) have bearing surfaces or guides (2), with which they fit between posts or columns (3) which can be anchored in the ground. In the bottom (6) of the troughs (1), there are anchored, as penetration openings, pipe pieces (7) which have a continuous opening directed into the next lower trough (1) and project upwards to part of the trough height as an overflow to form a catchment space, to be filled with water, for the trough and the vegetation therein. Therefore, before water can run out of such a trough (1) through the opening situated in the bottom (6) into the next lower trough, said trough is filled with reserve water to the height of the inlet opening in the pipe pieces (7). Furthermore, a collecting tray (9) for rain with at least one drain (11) in its bottom (10) can form an endpiece which can be positioned on the top trough, it being possible however for this collecting tray (9) itself also to be a trough (1). <IMAGE>

IPC 1-7

E01F 8/00

IPC 8 full level

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