

Title (en)  
Hydrobrush

Title (de)  
Rotierende Bürste mit Flüssigkeitsantrieb

Title (fr)  
Brosse rotative à moteur hydraulique

Publication  
**EP 1175848 A3 20021120 (EN)**

Application  
**EP 01118113 A 20010726**

Priority  
IT BO20000102 U 20000727

Abstract (en)  
[origin: EP1175848A2] The speed reducing gear (7-14) which connects kinematically the impeller (G) of the turbine with the axis of the rotating brush (SR) is housed in a box (S) the walls (19) of which are preferably obtained integral with the bottom of the body (1) of the same hydrobrush, which is sufficiently closed by suitable means and which is provided with suitable openings in order to ensure a good soundproofing of the operation of said gear, in order to protect the same against the action of the dirty removed by the rotary brush and to ensure, at the same time, a sufficient circulation of the water in said box for the lubrication of said speed reducing gear. The housing box (S) of the gear can be closed by the body closed in its upper portion of the impeller (G), or by a suitable lid (21) snap assembled, for example, onto said side walls (19), and provided with a hole (22) traversed with clearance by the hub of the impeller, with the toothed wheel (14) of input of the motion. The box (S) is provided in height with openings (20) placed, for example, in the corner zones of the side walls (19). <IMAGE>

IPC 1-7  
**A46B 13/06**

IPC 8 full level  
**A46B 13/06** (2006.01)

CPC (source: EP)  
**A46B 13/06** (2013.01)

Citation (search report)  
• [A] US 5129121 A 19920714 - GELMAN GIDEON [US]  
• [A] US 4461052 A 19840724 - MOSTUL THOMAS A [US]  
• [A] EP 0365924 A1 19900502 - BIZZARRI PAOLO & C GORDON [IT]  
• [A] US 4513466 A 19850430 - KEDDIE DAVID P [US], et al

Cited by  
CN106935282A; US10980388B2; WO2005041712A1; US11486183B2

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