

Title (en)
FLOOR CLEANING HEAD

Title (de)
BODENREINIGUNGSKOPF

Title (fr)
TÊTE DE NETTOYAGE DE SOL

Publication
EP 4056088 A1 20220914 (EN)

Application
EP 22160863 A 20220308

Priority
• CN 202110256523 A 20210309
• GB 202116890 A 20211124

Abstract (en)
A floor cleaning head (13) for a vacuum cleaner (10) comprises a housing (22) having an elongate cavity (56) on its underside (15) and an elongate floor cleaning roller (30) mounted axially in the cavity (50), the roller (30) being adapted to rotate solely by frictional contact with the floor surface during movement of the head across the floor surface being cleaned. A control mechanism (58) inhibits rotation of the roller (30) once the head has moved a certain distance in the forward direction during cleaning. The control mechanism (58) also inhibits rotation of the roller (30) once the head has moved a certain smaller distance in the rearward direction during cleaning. The static roller (30) acts to frictionally wipe and abrade the floor and the limited rotational movements help ensure that different rotational parts of the roller are frictionally engaged on successive strokes of the head, thereby avoiding wear.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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Designated contracting state (EPC)
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