

Title (en)
CLEANING SPONGE ROLLER

Title (de)
SCHWAMMROLLE ZUM REINIGEN

Title (fr)
ROULEAU EPONGE DE NETTOYAGE

Publication
EP 1188492 A1 20020320 (EN)

Application
EP 00901955 A 20000127

Priority
• JP 0000441 W 20000127
• JP 5127499 A 19990226

Abstract (en)
A cleaning sponge roller of PVAt is provided, which has improved durability without damaging cleaning performance. The roller is composed of a porous polyvinylacetal material which is elastic in a wet state, comprising a generally cylindrical roller body 3 and a plurality of projections 5 formed integrally on an outer peripheral surface 3a of said roller body for cleaning an object to be cleaned by having tops 5a of the projections 5 rotate in contact with a surface of the object. Each of said projections 5 comprises a tapering projection base portion 11 extending from the outer peripheral surface 3a of the roller body 3 and a projection end portion 13 having substantially the same cross sectional shape from a top end 11b of the projection base portion 11 to the top 5a of the projection. <IMAGE>

IPC 1-7
B08B 1/04

IPC 8 full level
B08B 1/04 (2006.01); **H01L 21/304** (2006.01)

CPC (source: EP KR)
B08B 1/32 (2024.01 - KR); **B08B 1/34** (2024.01 - EP)

Cited by
US2017354995A1; US10870132B2; US7640618B2; US7228587B2; US7231685B2; US7234193B2; US7234194B2; US7237296B2; US7237297B2; US7243391B2; US7302729B2; US7302730B2; US7334287B2

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