

Title (en)  
Device for cleaning a facade

Title (de)  
Vorrichtung zum Reinigen einer Fassade

Title (fr)  
Dispositif pour le nettoyage d'une façade

Publication  
**EP 2397235 A1 20111221 (EN)**

Application  
**EP 11004973 A 20110617**

Priority  
NL 2004906 A 20100617

Abstract (en)  
A façade cleaning apparatus 1 comprises a frame 3 with rotary brushes 5, 7 connected to the frame. The brushes are divided into two groups A and B. Each group of brushes is connected to a separate sub-frame 9, 11 which is displaceably connected to the frame. The façade cleaning apparatus further includes displacement means for displacing the sub-frames 9, 11 to and fro past each other in opposite directions C and D to each other and at right angles to the axles 13 of the brushes. The façade cleaning apparatus 1 further includes a plurality of pairs of guide wheels 15 connected to the frame 3, for guiding the apparatus along the façade during operation. The axles 17 of each pair of guide wheels are present in a direction parallel to the axles 13 of the brushes 5, 7 at a distance from each other, so that the apparatus will not pass over the façade cladding in a jolting manner.

IPC 8 full level  
**B08B 1/04** (2006.01); **B08B 1/00** (2006.01); **E04G 23/00** (2006.01)

CPC (source: EP)  
**B08B 1/30** (2024.01); **B08B 1/32** (2024.01); **E04G 23/002** (2013.01)

Citation (applicant)  
GB 1092728 A 19671129 - GARRICK LEWIS LITTIN

Citation (search report)  
• [AD] GB 1092728 A 19671129 - GARRICK LEWIS LITTIN  
• [A] WO 2010055506 A1 20100520 - MANN AVIRAM [IL]  
• [A] US 4025984 A 19770531 - HOENER JR RALPH H  
• [A] US 6550090 B1 20030422 - JESADANONT MONGKOL [TH], et al  
• [A] US 5465446 A 19951114 - CHANG KAI-KUO [TW]

Cited by  
WO2023133615A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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