

Title (en)
DEVICE FOR COLLECTION OF DEBRIS

Title (de)
ABFALLAUFSAMMELVORRICHTUNG

Title (fr)
DISPOSITIF DE COLLECTE DE DEBRIS

Publication
EP 1747322 A4 20080402 (EN)

Application
EP 05740269 A 20050513

Priority
• AU 2005000692 W 20050513
• AU 2004902659 A 20040514

Abstract (en)
[origin: WO2005111312A1] A device (200) for collecting debris has a wheeled frame (212) movable over a ground surface. An endless belt (232) runs about a rear by roller (224) and a forward support member (222) on the frame (212) such that an undersurface of a lower run (234) of the belt engages the ground surface as the device traverses the ground surface. The belt (232) is driven such that the lower run (234) moves forwardly with respect to the speed of movement of the device (200) over the ground surface. At the lower run (234) of belt, debris on the ground surface passes through apertures in the belt (232) to be deposited on the upper surface of the lower run (234), and is then transported on the belt (232) to a collection receptacle (300) carried by the device (200).

IPC 8 full level
E01H 1/00 (2006.01); **B08B 1/00** (2006.01); **E01H 1/04** (2006.01); **E01H 1/10** (2006.01); **E01H 6/00** (2006.01); **E01H 15/00** (2006.01)

CPC (source: EP US)
B08B 1/30 (2024.01 - EP US); **E01H 1/042** (2013.01 - EP US); **E01H 1/106** (2013.01 - EP US)

Citation (search report)
• [A] GB 151197 A 19200923 - CHARLES ERNEST BARRIE
• [A] US 4014390 A 19770329 - TEIXEIRA ANTONE S
• See references of WO 2005111312A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005111312 A1 20051124; EP 1747322 A1 20070131; EP 1747322 A4 20080402; US 2008040875 A1 20080221

DOCDB simple family (application)
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