

Title (en)
CONVEYING ROLLER

Title (de)
FÖRDERROLLE

Title (fr)
ROULEAU DE TRANSPORT

Publication
EP 4323293 A1 20240221 (DE)

Application
EP 22721737 A 20220408

Priority
• DE 102021109540 A 20210415
• EP 2022059440 W 20220408

Abstract (en)
[origin: WO2022218857A1] A conveying roller (1) for a conveying apparatus (100), in particular for conveying an article (9), in particular packaged food, the conveying roller (1) comprising:
• - a cylindrical roller body (2), which can be mounted rotatably about an axis of rotation (Z),
• - a conical sleeve (2), with at least one sleeve part (31), wherein the conical sleeve (3) is arranged coaxially around the roller body (2) and forms a conveying surface (F) for an article (9), wherein the sleeve part (31) comprises a first axial sleeve-part end (T1) and a second axial sleeve-part end (T2), wherein the first axial sleeve-part end (T1) bears with sealing action against the roller body (2), and the second axial sleeve-part end (T2) bears with sealing action against the roller body (2).

IPC 8 full level
B65G 39/07 (2006.01); **B65G 13/08** (2006.01); **B65G 39/09** (2006.01)

CPC (source: EP US)
B65G 13/08 (2013.01 - EP US); **B65G 39/07** (2013.01 - EP US); **B65G 39/09** (2013.01 - EP US); **B65G 2207/26** (2013.01 - EP);
B65G 2207/30 (2013.01 - EP)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022218857 A1 20221020; EP 4323293 A1 20240221; US 2024199342 A1 20240620

DOCDB simple family (application)
EP 2022059440 W 20220408; EP 22721737 A 20220408; US 202218555522 A 20220408