

Title (en)
SLEEVE ROLL

Title (de)
BANDWALZE

Title (fr)
ROULEAU POURVU D'UNE BANDE

Publication
EP 3913134 A1 20211124 (EN)

Application
EP 20175728 A 20200520

Priority
EP 20175728 A 20200520

Abstract (en)
A Sleeve roll (1) comprises an axle beam (11) with an axle stub (13), said axle stub (13) being supported in a bearing structure (21); a roll head (31) configured to support a belt (41) tensioned about and being rotatable about the axle beam (11) in a belt loop; the belt (41) being rotatable about and relative to the axle beam (11); and a movable forming element (119) configured to protrude from the axle beam (11), thereby abutting against the belt (41) to vary a cross sectional shape of the belt loop.

IPC 8 full level
D21F 1/40 (2006.01); **D21F 7/00** (2006.01); **D21F 9/00** (2006.01)

CPC (source: CN EP)
D21F 1/36 (2013.01 - CN); **D21F 1/40** (2013.01 - EP); **D21F 7/005** (2013.01 - CN EP); **D21F 9/003** (2013.01 - CN EP)

Citation (applicant)
• DE 3142045 A1 19830511 - VOITH GMBH J M [DE]
• EP 2350385 B1 20150930 - VALMET TECHNOLOGIES INC [FI]

Citation (search report)
• [XY] WO 2020076204 A1 20200416 - VALMET OY [SE]
• [XY] WO 2018097777 A1 20180531 - VALMET OY [SE]
• [Y] WO 0240771 A1 20020523 - METSO PAPER KARLSTAD AB [SE]
• [Y] EP 0345501 A1 19891213 - VALMET PAPER MACHINERY INC [FI]

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

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 20175728 A 20200520; CN 202110542751 A 20210519