

Title (en)
STECKEL HOT ROLLING MILL

Title (de)
STECKEL-WARMWALZWERK

Title (fr)
LAMINOIR A CHAUD STECKEL

Publication
EP 1073532 A1 20010207 (DE)

Application
EP 99920716 A 19990420

Priority
• DE 19818207 A 19980423
• EP 9902652 W 19990420

Abstract (en)
[origin: DE19818207A1] Loopers (8, 9) are positioned between the reversing roll stand (1) and the respective coiling units (6, 7). Such loopers provide actual values as a basis for tension and mass flow regulation of the speed of the coiling units.

IPC 1-7
B21B 37/54

IPC 8 full level
B21B 37/46 (2006.01); **B21B 37/48** (2006.01); **B21B 37/54** (2006.01); **B21B 1/34** (2006.01); **B21B 37/50** (2006.01); **B21B 37/56** (2006.01)

CPC (source: EP KR US)
B21B 37/54 (2013.01 - EP KR US); **B21B 1/34** (2013.01 - EP US); **B21B 37/50** (2013.01 - EP US); **B21B 37/56** (2013.01 - EP US)

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US 6378346 B1 20020430; AT E218935 T1 20020615; BR 9909865 A 20011030; CA 2330099 A1 19991104; CA 2330099 C 20070417; CN 1096897 C 20021225; CN 1297387 A 20010530; DE 19818207 A1 19991028; DE 19818207 C2 20000531; DE 59901742 D1 20020718; EP 1073532 A1 20010207; EP 1073532 B1 20020612; ES 2178889 T3 20030101; JP 2002512887 A 20020508; KR 100578767 B1 20060511; KR 20010042854 A 20010525; MX PA00010369 A 20050715; MY 121052 A 20051230; RU 2220799 C2 20040110; TW 431917 B 20010501; WO 9955474 A1 19991104

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