

Title (en)
Wear parts for excavation apparatus.

Title (de)
Verschleissteile für ein Baggergerät.

Title (fr)
Éléments d'usure pour engin de terrassement.

Publication
EP 0414345 A2 19910227 (EN)

Application
EP 90306135 A 19900606

Priority
US 36270289 A 19890606

Abstract (en)
An improved wear assembly for a ground engaging tool, such as an excavator bucket, comprises a lip protector shroud (25) which is detachably mounted on the bucket lip (17) to cover the lip (17) and provide a wear bearing surface that covers the lower surface of the tooth adapter (29, 31) and which is detachably held in place by abutment against a tooth (33) detachably mounted on the adapter (29, 31) and a flexible pin (91) extending through registering apertures (79, 81) in the adapter (29, 31) and the shroud (25).

IPC 1-7
E02F 3/40; **E02F 9/28**

IPC 8 full level
E02F 9/28 (2006.01)

CPC (source: EP)
E02F 9/2808 (2013.01); **E02F 9/2816** (2013.01)

Cited by
JP2014062451A; GB2279678A; GB2279678B; CN102667016A; AU2010336025B2; AP3321A; US9091042B2; WO2011075782A1; WO2015069400A1

Designated contracting state (EPC)
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