

Title (en)
REUSABLE METAL SHEET PILE

Title (de)
WIEDERVERWENDBARER BLECHSTAPEL

Title (fr)
PALPLANCHE MÉTALLIQUE RÉUTILISABLE

Publication
EP 4065775 A1 20221005 (EN)

Application
EP 19813945 A 20191125

Priority
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Abstract (en)
[origin: WO2021105740A1] The invention relates to a metal sheet pile comprising inclined flanges whose extremities are inclined at an angle α of at least 97° with respect to the neutral axis P1 and are extended by an interlock comprising consecutively: - A bottom part comprising an internal side and an external side separated by a radial thickness T1, the internal side extending along a first portion of circle whose center lies in a plane P2 perpendicular to plane P1 and whose radius of curvature R1 satisfies inequation (i) : $1.5 \leq R1/T1 \leq 5$ and the external side extending along a second portion of circle whose center lies in plane P2 and whose radius of curvature R2 is at least equal to $R1+T1$, - A finger having a projected width W1 on plane P1, the fingertip being separated from the inclined flange by distance W2, W1 and W2 satisfying the inequation (ii): $1.2 \leq W1/W2 \leq 1.7$

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