**Table 2: Electrodeposition of the AgPd alloys to the different amounts of charge (*Q*d)**

**at *j*d = -178 µA cm-2 (*j*d = 3 *j*L(Pd)) and ω = 0 rpm from the solution:**

**0.001 M PdCl2 + 0.04 M AgCl + 0.1 M HCl + 12 M LiCl.**

**Dissolution (ALSV) in the solution 0.1 M HCl + 12 M LiCl at ω = 1000 rpm**

**with a sweep rate of 1 mV s-1.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Q*d / C cm-2 | *Q*(Pd)ALSV / C cm-2 |  *Q*(Ag)ALSV / C cm-2 | *η*j / % *Q*ALSV/*Q*d | at.% Pd | at.% Ag | *Q*(UP)ALSV / % |
| -0.05 | 0.0243 | 0.0191 | 73 | 38 | 62 | 0 |
| -0.1 | 0.043 | 0.043 | 86 | 33 | 67 | 0 |
| -0.2 | 0.097 | 0.088 | 93 | 35 | 65 | 0 |
| -0.4 | 0.176 | 0.206 | 96 | 30 | 70 | 16 |
| -0.6 | 0.312 | 0.267 | 97 | 37 | 63 | 23 |

 at.% of Pd and at% of Ag (content of Pd and Ag / at.%), as well as UPh, are obtained from the ALSVs.